

AMPHIPOD NEWSLETTER 27

Produced by Wim Vader, Tromsø Museum, N-9037 Tromsø, Norway
wim.vader@tmu.uit.no in May 2005.

INTRODUCTION

This newsletter mainly covers the amphipod literature for 2004, but as I have prepared files about all amphipods described since 1990 (to be published in Amphipod Newsletter 28 before long) I have here included a number of articles which I had earlier overlooked and which contain descriptions of new amphipod taxa (pp 34-38). I shall be very grateful, if colleagues could notify me of any omissions in and corrections to these lists. As I have done in the latest newsletters, I have again taken the liberty to copy an important revised classification in this newsletter; after the Baikal amphipods by Kamal'tynov and the Corophiidea by Myers and Lowry this time the entirely revised classification of the Talitrida, resulting from the cladistic analysis of this group by Cristiana Serejo (2004), is written out on pp 39-40.

As usual, I have also provided alphabetical and systematic indexes to the new amphipod taxa, that are described in the papers listed in this bibliography. In view of the state of flux in which amphipod systematics and classification finds itself these days, this is a complicated task and one where it will be impossible to please all colleagues. I have used a number of informal groups, where I have not been able to find formalized family names as yet. This is especially the case within the Lysianassoidea, where we eagerly await the magnum opus of Lowry & Stoddart, but also in some freshwater groups, where maybe mainly my own insufficient knowledge is to blame.

Wim Vader, 30 May 2005

BIBLIOGRAPHY

It is increasingly difficult to obtain good library services at the smaller universities, and I have therefore more often than before been unable to see the actual papers that are contained in this bibliography. This has as consequence that I too often have been unable to provide annotations even for papers that look quite important for my colleague amphipod workers. Where I have written 'not seen, unfortunately' I should very much appreciate receiving a copy or pdf.file of the papers concerned from people, who have been luckier than me. (I send out many copies to colleagues myself, and am always willing to help out where I can.)

Many thanks are due to those colleagues who have sent me references, reprints, or pdf-files. As usual, especially Egor Vinogradov (Moskva) and Franz Krapp (Bonn) have rendered very frequent good service and greatly improved the quality of this bibliography.

Wim Vader

AKOUMIANAKI, I. & J. A. HUGHES 2004. The distribution of macrofauna along mediterranean submarine caves with sulphur springs. ---- *Cahiers de Biologie Marine* 45, 355-364 (4 Amph. spp on p. 361).

- ANASTACIO, P. M., S. C. GONCALVES, M. A. PARDAL & J. C. MARQUES 2003. A model for amphipod (*Talitrus saltator*) population dynamics. ---- *Estuarine, Coastal & Shelf Science* 58 (Suppl.), 149-157.
- ANDRES, H. G. 2004. *Ingolfiella sandroruffoi* sp. nov. (Crustacea: Amphipoda: Ingolfiellidae) from the Great Meteor Seamount north-eastern Atlantic Ocean). - --- *Mitteilungen aus der Hamburger Zoologisches Museum und Institut* 101, 225-236.
- ANISIMOVA, A.N. 2004. (Biology of *Talitrus saltator* (Crustacea, Amphipoda) from Sambiya Peninsula (Kalininograd oblast, Russia).) ---- *Zoologicheskii Zhurnal* 83, 668-673. (In Russian)
- APOSTOLOV, A. & I. PANDOURSKI 2004. Crustacés des eaux souterraines karstiques des montagnes de Vitoche et de Golo Bardo (Bulgarie occidentale): composition taxonomique, caractéristique générale et répartition spatiale dans le karst. ---- *Historia Naturalis Bulgarica* 16, 47-57.
- APPADOO, C. & A. A. MYERS 2004. Corophiidea (Crustacea: Amphipoda) from Mauritius. ---- *Records of the Australian Museum* 56, 331-362. (Deals with *Ampithoe kava*, *A. lafkui* n.sp., *A. laxipodus* n.sp., *A. longicarpus* n.sp. , *A. mascarenensis* n.sp., *A. ramondi*, *Cymadusa cavimana* (transferred from *Ampithoe*), *C. foliosa*, *C. microphthalma*, *Exampithoe latibasis* n.sp., *Paragrubia vorax*, *Aora inermis* n.sp., *Bemlos quadrimanus*, *B. teleporus*, *Globosolembos excavatus*, *G. indicus*, *Grandidierella bonnieroides*, *Monocorophium acherusicum*, *Gammaropsis* sp. (in *atlantica* group), *G. digitata*, *Ericthonius brasiliensis*, *E. pugnax*, and *E. punctatus* (new to the Indian Ocean). Keys to all Mauritian corophiid genera, as well as to the local species of *Ampithoe*, *Cymadusa*, *Bemlos* and *Ericthonius*, are provided.)
- ARBACIAUSKAS, K. 2002. *Ponto-Caspian amphipods and mysids in the inland waters of Lithuania: history of introduction, current distribution and relations with native malacostracans*. ---- Pp 104-115 in E. Leppäkoski, S. Gollasch & S. Olenin (eds). Invasive aquatic species of Europe. Distribution, impacts and management. Kluwer Academic Publishers, Dordrecht.
- ARIYAMA, H. 2004. Two new species of the family Aoridae (Crustacea: Amphipoda) from the coasts of Wakayama and Osaka prefectures, central Japan, with description of a new genus. ---- *Natural History Bulletin of Ibaraki University* 7, 1-16. (Deals with *Pseudobemlos serratus* n. gen, n. sp., and *Tethylembos japonicus* n. sp., both from Wakayama prefecture).

ARIYAMA, H. 2004. Nine species of the genus *Aoroides* (Crustacea: Amphipoda: Aoridae) from Osaka bay, Central Japan. ---- *Publications of the Seto Marine Biological Laboratory* 40, 1-66. (This beautiful paper deals with *A. columnaris* n.sp., *A. curvipes* n.sp., *A. ellipticus* n.sp., *A. longimerus*, *A. myojinensis* n.sp., *A. punctatus* n.sp., *A. secundus*, and *A. semicurvatus* n.sp. . A key is provided. All new species come from Osaka Bay.)

ASHTON, G., K. WILLIS, E. COOK, D. TIERNE & W. VADER 2004. *European distribution of the non-indigenous marine amphipod Caprella mutica*. ---- Poster, Scottish Association for Marine Science.

BACELA, K. & A. KONOPACKA 2005. The life history of *Pontogammarus robustoides*, an alien amphipod in Polish waters. ---- *Journal of Crustacean Biology* 25, 190-195.

BARTLETT, A. J., U. BORGMAN, D. G. DIXON, S. P. BATCHELOR & R. J. MAGUIRE 2004. Tributyltin uptake and depuration in *Hyalella azteca*: implications for experimental design. ---- *Environmental Toxicology & Chemistry* 23, 426-434.

BAUER, A., S. TROUVÉ, A. GRÉGOIRE, L. BOLLACHE & F. CÉZILLY 2000. Differential influence of *Pomphorhynchus laevis* (Acanthocephala) on the behaviour of native and invader gammarid species. ---- *International Journal for Parasitology* 30, 1453-1457.

BELLAN-SANTINI, D. 2005. European species of *Haustorius* (Crustacea: Amphipoda: Haustoriidae), with description of a new Mediterranean species. --- *Journal of Natural History* 39, 1101-1110. (*H. orientalis* n.sp., from Michmoret beach, Israel).

BELLAN-SANTINI, D. & M. MENIOUI 2004. Une nouvelle espèce d'*Urothoe atlantica* (Crustacea: Amphipoda: Urothoidae) de la côte atlantique de Maroc. ---- *Cahiers de Biologie Marine* 45, 305-213.

BELOFASTOVA, I. P. & V. A. GRINTSOVA 2003. (On the find of acanthellae of the acanthocephalan *Telosentis exiguum* in *Apherusa bispinosa* (Amphipoda, Calliopiidae) in the Black Sea.) ---- *Vestnik Zoologii* 37, 57-59. (In Russian).

BERGE, J. & W. VADER 2004. Description of two new and unusual stegocephalid species (Crustacea: Peracarida: Amphipoda: Stegocephalidae). from Heard Island and the East China Sea. ---- *Transactions of the Royal Society of South Australia* 128, 1-11. (Deals with *Medererixis macho* n.sp. from the East

China Sea, and *Stegocephalina wolf* n.sp. from subantarctic Heard Island, the latter found in association with a sponge.)

BERGE, J. & W. VADER 2004. Two new Antarctic stegocephalid (Amphipoda: Stegocephalidae: Stegocephalinae) species, with implications for the phylogeny and classification of the two genera *Pseudo* and *Schellenbergia*. ---- *Deep-Sea Research II* 51, 1709-1716. (*Pseudo* spp 1 and 2 are described, but not named. The genera *Pseudo* and *Schellenbergia* are amalgamated under the former name.)

BERGE, J., W. VADER & S. LOCKHART 2004. A survey of amphipod associates of sea urchins, with description of new species in the genera *Lepidepecreella* (Lysianassoidea: lepidepecreellid group) and *Notopoma* (Photoidea: Ischyroceridae) from Antarctic cidarids. ---- *Deep-Sea Research* 51, 1717-1731. (*Lepidepecreella andee* n.sp., from 58° 16'S, 24° 54'W, 2950m, from *Aporocidaris antarctica*, and *Notopoma cidaridis* n.sp., from 60° 58'S, 55° 7'W, from *Rhynchocidaris triplophora*. Keys to both genera are provided, as well as a survey of all amphipods reported from sea urchins.)

BERNERTH, H. & S. STEIN 2003. Eine weitere gebietsfremde Flokrebs-Art dringt in hessische Flüsse vor. ---- *Natur und Museum* 133, 331-337. (*Echinogammarus trichiatus*).

BERNERTH, H. & S. STEIN 2003. *Crangonyx pseudogracilis* und *Corophium robustum* (Amphipoda), zwei neue Einwanderer im hessischen Main sowie Erstnachweis für Deutschland von *C. robustum*. ---- *Lauterbornia* 48, 57-60.

BERTHOLD, E.L. & I. KAISER 2004. Weitere Funde von *Crangonyx pseudogracilis* und *Chelicorophium robustum* (Amphipoda) im Main. ---- *Lauterbornia* 50, 15-16.

BESSOLITSYNA, I. A. 2002. (*Nighttime vertical migrations of Baikal benthic amphipods*). ---- Izd. Vo Instituta Geografii SORAN, Irkutsk, 160 pp (In Russian, not seen)

BIGONGIARI, N., T. BRAIDA, E. CARETTI & D. PELLEGRINI 2004. Influence of the temperature on the mortality and sensitivity of *Corophium orientale*. ---- *Bulletin of Environmental Contamination & Toxicology* 72, 881-887.

BLUM, B. A., I. R. MacDONALD, C. DEBENHAM & K. IKEN 2005. Macro- and megabenthic communities in the high Arctic Canada Basin: initial findings. ---- *Polar Biology* 28, 218-231.

BOLLACHE, L. 2004. *Dikerogammarus villosus* (Crustacea: Amphipoda), another invasive species in Lake Geneva. ---- *Revue Suisse de Zoologie* 111, 309-313.

BOLLACHE, L., G. GAMBALE & F. CÉZILLY 2001. The effects of two acanthocephalan parasites, *Pomphorhynchus laevis* and *Polymorphus minutus*, on pairing success in male *Gammarus pulex*. ---- *Behaviour, Ecology & Sociobiology* 49, 296-303.

BOLLACHE, L., T. RIGAUD & F. CÉZILLY 2002. Effects of two acanthocephalan parasites on the fecundity and pairing status of female *Gammarus pulex* (Crustacea: Amphipoda). ---- *Journal of Invertebrate Pathology* 79, 102-110.

BORGmann, U., W. P. NORWOOD & D. G. DIXON 2004. Re-evaluation of metal bioaccumulation and chronic toxicity in *Hyalella azteca* using saturation curves and the biotic ligand model. ---- *Environmental Pollution* 129, 469-484.

BOTTORFF, R., A. BRAELYN & W. I. HAMILL 2003. Records of the exotic freshwater amphipod, *Crangonyx pseudogracilis*, in San Luis Obispo County, California. ---- *California Fish & Game* 89, 197-200.

BOUSFIELD, E. L. & P. MARCOUX 2004. The talitroidean amphipod family Najnidae in the North Pacific region: systematics and distributional ecology. ---- *Amphipacifica* 3(4), 3-44. (One of the many invaluable regional monographs of recent years by Ed Bousfield and collaborators, in this case treating an entire family. Deals with *Najna consiliorum*, *N. amchitkana* n.sp. (Amchitka isl., Aleutians), *N. parva* n.sp., (SE Alaska), *Carinonajna* n.gen. (type *C. bicarinata* n.sp.), *C. kitamati* (transf. from *Najna*), *C. lessoniophila* n.sp. (N. California), *C. bispinosa* n.sp. (Washington), *C. barnardi* n.sp. (SE Alaska), *C. carli* n.sp. (Vancouver Isl., BC), *C. longimana* n.sp. (S. Juan Isl., Wash.), *C. botanica* n.sp. (Vancouver Isl., BC), and *C. bicarinata* n.sp. (Q. Charlotte Isl., BC) (NB. Several of the new names replace manuscript names given by Bousfield 1981). As usual in this series, a key and extensive phyletic and zoogeographic discussions are also provided.)

BRANDT, A., N. BRENKE, H.-G. ANDRES, S. BRIX, J. GUERRERO-KOMMRITZ, U. MÜHLENHARDT-SIEGEL & J.-W. WÄGELE 2005. Diversity of peracarid crustaceans (Malacostraca) from the abyssal plain of the Angola Basin. ---- *Organisms, Diversity and Evolution* 5, 105-112.

BUCKLEY, Ph., G. DUSSART & J. A. TRIGWALL 2004. Invasion and expansion of Corophiidae (Amphipoda) in the Stour estuary (Kent, UK). ---- *Crustaceana* 77, 425-433.

BUHL-MORTENSEN, L. & P. B. MORTENSEN 2004. Symbiosis in deep-water corals. ---- *Symbiosis* 37, 33-61. (Eight spp of amphipods listed on p.45.)

BUHL-MORTENSEN, L & P. B. MORTENSEN 2005. *Distribution and diversity of species associated with deep-sea gorgonian corals off Atlantic Canada.* ---- Pp 849-879 in A. Freiwald & J. M. Roberts (eds). Cold-water corals and ecosystems. Springer Verlag

CALOSI, P., G. CHELAZZI & A. UGOLINI 2003. Optocardiographic recording of heart rate in *Talitrus saltator* (Amphipod, Talitridae). ---- *Physiological Entomology* 28, 344-348.

CAMUS, L. & B. GULLIKSEN 2004. Antioxidant defense properties of Arctic amphipods: comparison between deep-, sublittoral and surface-water species. --- *- Marine Biology, Berlin* 146, 355-362. (*Anonyx nugax*, *Eurythenes gryllus* and *Gammarus wilkitzkii*.)

CASU, D., G. CECCHERELLI & A. CASTELLI 2004. Spatial distribution of small benthic invertebrates in rocky upper infralittoral at the Asinara Island (NW Mediterranean): A pilot study. ---- *Vie et Milieu* 54, 239-245.

CÉSAR, A., A. MARIN, L. MARIN-GUIRAO & R. VITA 2004. Amphipod and sea urchin tests to assess the toxicity of Mediterranean sediments: the case of Portman Bay. ---- *Scientia Marina* 68 (Supplement), 205-213. (Test amphipods are *Gammarus aequicauda* and *Microdeutopus gryllotalpa*)

CHAPELLE, G. & L. S. PECK 2004. Amphipod crustacean size spectra: new insights in the relationship between size and oxygen. ---- *Oikos* 106, 167-175.

CHAPMAN, M.A. 2002. Australasian species of *Paracorophium* (Crustacea: Amphipoda): the separate identities of *P. excavatum* (Thomson, 1884) and *P. brisbanensis* n.sp. ---- *Journal of the Royal Society of New Zealand* 32, 203-228. (*P. brisbanense* n.sp. (NB spelling corrected WV) from the Brisbane river, Queensland, Australia.)

CHAPMAN, M.A. 2003. A revision of the freshwater amphipod genus *Phreatogammarus* in New Zealand: a redescription of *P. helmsii* Chilton, 1918, and a new species from Northland. ---- *Journal of the Royal Society of New*

Zealand 33, 633-661. (The new species is *P. waipoua* from Waipoua Forest, Northland.)

CHAPMAN, M.A. 2004. A revision of the Phreatogammaridae (Crustacea, Amphipoda) of New Zealand. Part 2: *Phreatogammarus fragilis* and *P. propinquus*. ---- *Journal of the Royal Society of New Zealand* 34, 59-79.

CHAPMAN, M.A., I. D. HOGG, K. E. SCHNABEL & M. I. STEVENS 2002. Synonymy of the New Zealand corophiid amphipod genus, *Chaetocorophium* Karaman, 1979, with *Paracorophium* Stebbing, 1899: morphological and genetic evidence. ---- *Journal of the Royal Society of New Zealand* 32, 229-2412.

CHERTOPROOD, M. V., A. A. UDALOV, A. P. STOLJAROV & R. R. BORISOV 2004. (Diversity of macrobenthic communities in the White Sea estuaries.) ---- *Okeanologiya* 44, 901-911. (In Russian, but English translations , by MAIK " Nauka/Interperiodika" exist. Deals with i.a. *Gammarus duebeni*, *G. oceanicus*, *G. setosus*, *G. zaddachi* and *Pontoporeia affinis*.)

CHRISTIE, H. & P. KRAUFVELIN 2004. Mechanisms regulating amphipod population density within macroalgal communities with low predator impact. --- - *Scientia Marina* 68 (Supplement), 189-198.

CLARK, R. & C. C. CAUDILL 2001. Females of the marine amphipod *Jassa marmorata* mate multiple times with the same or different males. ---- *Marine and Freshwater Behaviour & Physiology* 34, 131-138. (Not seen, unfortunately)

COLD, A. & V. E. FORBES 2004. Consequences of a short pulse of pesticide exposure for survival and reproduction of *Gammarus pulex*. ---- *Aquatic Toxicology* 67, 287-299.

COLEMAN, C.O. 2004. Aquatic amphipods (Crustacea: Amphipoda: Crangonyctidae) in a piece of Baltic amber. ---- *Organisms, Development & Evolution* 4, 119-122

CORBARI, L, J. C. SORBE & J.-C. MASSABUAU 2005. Video study of the caprellid amphipod *Parvipalpus major*: morpho-functional and behavioural adaptations to deep-sea bottoms. ---- *Marine Biology, Berlin* 146, 363-371. (A fascinating paper!)

COSTA, F. O., M. R. CUNHA, T. NEUPARTH, C. W. THEODORAKIS, M. H. COSTA & L. R. SHUGART 2004. Application of RAPD DNA-fingerprinting in taxonomic identification of amphipods: a case study with

Gammarus species (Crustacea: Amphipoda). ---- *Journal of the Marine Biological Association UK* 84, 171-178. (An important methodological paper!)

COSTA, F. O., T. NEUPARTH, C. W. THEODORAKIS, M. H. COSTA & L. R. SHUGART 2004. RAPD analysis of southern populations of *Gammarus locusta*: comparison with allozym data and ecological inferences. ---- *Marine Ecology Progress Series* 277, 197-207.

CRISTESCU, M. E. A., J. D. S. WITT, I. A. GRIGOROVICH, P. D. N. HEBERT & H. J. MacISAAC 2004. Dispersal of the Ponto-Caspian amphipod *Echinogammarus ischnus*: Invasion waves from the Pleistocene to the present. -- *Heredity* 92, 197-203.

CROWE, S. E. & J. D. THOMAS 2002. *Abundance and distribution of commensal amphipods from common marine sponges of southeast Florida*. ---- Pp 105-110 in F. Alvarez & E. Escobar-Briones (eds). Modern approaches to the study of Crustacea. Kluwer Academic/ Plenum Publishers, New York, 355 pp. (Not seen, unfortunately)

DAVOLOS, D., V. KETMAIER, M. COBOLLI & E. de MATTHAEIS 2002. (Genetic structure and levels of differentiation of Mediterranean populations of *Orchestia* (Amphipoda, Talitridae).) ---- *Biogeographica* 22, 23-34. (In Italian, not seen).

DAVOLOS, D., N. MACLEAN & B. PIETRANGELI 2004. A molecular phylogenetic study of the freshwater talitrid amphipod *Orchestia cavimana* (Crustacea). --- *Rivista de Biologia* 97, 161-168. (Not seen).

DE BROUER, C., F. NIJSSEN & P. DAUBY 2004. The crustacean scavenger guild in Antarctic shelf, bathyal and abyssal communities. ---- *Deep-Sea Research II* 51, 1733-1752. (Species lists on pp. 1740-41 and 1742.)

DEVIN, S., L. BOLLACHE, J.-N. BEISEL, J.-C. MORETEAU & M. J. PERROT-MINOT 2004. Pigmentation polymorphism in the invasive amphipod *Dikerogammarus villosus*: some insights into its maintenance. ---- *Journal of Zoology, London* 264, 391-397.

DEWICKE, A., A. CATRIJSSE, J. MEES & M. VINCX 2003. Spatial pattern of the hyperbenthos of subtidal sandbanks in the southern North Sea. ---- *Journal of Sea Research* 49, 27-45.

- DEZFULI, B. S., MAYNARD, B. J. & T. A. WELLNITZ 2003. Activity levels and predator detection by amphipods infected with an acanthocephalan parasite, *Pomphorhynchus laevis*. ---- *Folia Parasitologia* 50, 129-134.
- DIAS, N. & M. SPRUNG 2004. Population dynamics and production of the amphipod *Orchestia gammarellus* (Talitridae) in a Ria Formosa saltmarsh (Southern Portugal). ---- *Crustaceana* 76, 1123-1141.
- DUNN, A. M., J. C. HOGG, A. KELLY & M. J. HATCHER 2005. Two cues for sex determination in *Gammarus duebeni*: adaptive variation in environmental sex determination? ---- *Limnology & Oceanography* 50, 346-353.
- DUDINAK, V. & M. SPAKULOVA 2003. The life-cycle and seasonal changes in the occurrence of *Pomphorhynchus laevis* (Palaeacanthocephala, Pomphorhynchidae) in a small isolated lake. ---- *Parasite, Journal de la Société Française de Parasitologie* 10, 257-262. (In *Gammarus balcanicus*)
- EFFORD, M. 2000. Consumption of amphipods by the New Zealand land snail *Wainuia urnula* (Pulmonata: Rhytididae). ---- *Journal of Molluscan Studies* 66, 45-52. (Not seen).
- EGGERS, T. & A. MARTENS 2001. Bestimmungsschlüssel der Süßwasser-Amphipoda (Crustacea) Deutschlands. ---- *Lauterbornia* 42, 1-68. (A most useful paper! The illustrated keys are both in German and in English.)
- EMISON, W. B. 2000. Revision of *Eusirus perdentatus* Chevreux, 1912 and *E. propeperdentatus* Andres, 1979 (Crustacea: Amphipoda). ---- *ANARE-Report* 145, 1-40.
- ESCOBAR-BRIONES, E. 2003. (*Patterns of species richness and evolution of the taxonomic record for amphipods of the Pacific of Mexico territory.*) ---- Pp 1-19 in M.E. Hendricks (Ed.). Contributions to the study of East Pacific crustaceans 2. Mazatlan, 303 pp. (In Spanish, not seen).
- FAASSE, M. 2005. Notes on diagnostic characters and morphological variability of *Caprella mutica* Schurin, 1935 in the Netherlands (Crustacea: Amphipoda: Caprellidea). ---- *Het Zeepaard* 65, 22-28.
- FAASSE, M. & G. van MOORSEL 2003. The North American amphipods, *Melita nitida* Smith, 1873 and *Incisocalliope aestuarius* (Watling & Maurer, 1973) (Crustacea, Amphipoda: Gammaridea), introduced to the Western Scheldt estuary, the Netherlands. ---- *Aquatic Ecology* 37, 13-22.

FANINI, L., C. M. CANTARINO & F. SCAPINI 2005. Relationship between the dynamics of two *Talitrus saltator* populations and the impact of activities linked to tourism. ---- *Oceanologia* 47, 93-112. (A study from Toscane, Italia)

FEIKE, M., A. FECHTER & M. MÄDEL 2002. Einfluss von *Platorchestia platensis* (Krøyer) auf die Abbaugeschwindigkeit von *Zostera marina* L. und den Kohlenstofffluss in das Sediment. ---- *Rostocker Meeresbiologische Beiträge* 11, 57-64.

FIELDING, N. J., C. MacNEILL, J. T. A. DICK, R. W. ELWOOD, G. E. RIDDELL & A. M. DUNN 2003. Effects of an acanthocephalan parasite *Echinorhynchus truttae* on the feeding ecology of *Gammarus pulex* (Crustacea: Amphipoda). ---- *Journal of Zoology* 261, 321-325.

FORD, A.T., T. F. FERNANDEZ, S. A. RIDER, P. A. REID, C. D. ROBINSON & I. M. DAVIES 2003. Reproduction in the amphipod, *Echinogammarus marinus*: a comparison between normal and intersex specimens. ---- *Journal of the Marine Biological Association UK* 83, 937-940.

FOSTER, J. M., R. W. HEARD & D. M. KNOTT 2004. Northern range extensions for *Caprella scaura* Templeton, 1836 (Crustacea: Amphipoda: Caprellidae) on the Florida Gulf coast and in South Carolina. ---- *Gulf and Caribbean Research* 16, 65-69.

FREIRE, P. R. & C. S. SEREJO 2004. The genus *Trischizostoma* (Crustacea: Amphipoda: Trischizostomatidae) from the Southwest Atlantic, collected by the REVIZEE Program. ---- *Zootaxa* 645, 1-15. (Deals with *Trischizostoma costai* n.sp. (off Brazil), *T. denticulatum*, *T. longirostrum*, *T. raschi* and *T. richeri*. This is the first record of the genus from the SW Atlantic.)

GALIL, B. S. 2004. The limit of the sea: the bathyal fauna of the Levantine sea. ---- *Scientia Marina* 68, Suppl. 37, 63-72 . (Amph. listed on p. 73)

GAMO, S. & Y. SHINPO 1992. A new gammaridean amphipod *Pleusymtes symbiotica* ectosymbiotic with a Japanese gorgonacean octocoral, *Melithaea flabellifera* (Kukenthal) from Sagami Bay. ---- *Science Reports of the Yokohama National University* 39, 1-11. (Earlier overlooked; not seen)

GARM, A. 2004. Revising the definition of the crustacean seta and setal classification systems based on examination of the mouthpart setae of seven species of decapods. ---- *Zoological Journal of the Linnean Society* 142, 233-252.

- GASCA, R. 2004. Distribution and abundance of hyperiid amphipods in relation to summer mesoscale features in the southern Gulf of Mexico. ---- *Journal of Plankton Research* 26, 993-1003.
- GASCA, R. & S. H. D. HADDOCK 2004. Association between gelatinous zooplankton and hyperiid amphipods (Crustacea: Peracarida) in the Gulf of California. ---- *Hydrobiologia* 530/531, 529-535. (Not seen, unfortunately)
- GASCA, R. & E. SUAREZ-MORALES 2004. Distribution and abundance of hyperiid amphipods (Crustacea: Peracarida) of the Caribbean Sea (August 1986). ---- *Caribbean Journal of Science* 40, 23-30. (34 species, of which eight are new to the area)
- GILLIAN, D. & N. DUBILIER 2004. Novel epibiotic *Thiothrix* bacterium on a marine amphipod. ---- *Applied and Environmental Microbiology* 70, 3772-3775. (Not seen).
- GILLIAN, D., J. RIBESSE & CH. de RIDDER 2004. The iron-encrusted microbial community of *Urothoe poseidonis* (Crustacea, Amphipoda). ---- *Journal of Sea Research* 52, 21-32.
- GOLLASCH, S. 2002. The importance of ship hull fouling as a vector of species introductions into the North Sea. ---- *Biofouling* 18, 105-121. (i.a. *Paracaprella tenuis*.)
- GONCALVES, S. C., J. C. MARQUES, M. A. PARDAL, M. F. BOUSLANA, M. EL GTARI & F. CHARFI-CHEIKHROUHA 2003. Comparison of the biology, dynamics and secondary production of *Talorchestia brito* (Amphipoda, Talitridae) in Atlantic (Portugal) and Mediterranean (Tunisia) populations. ---- *Estuarine, Coastal and Shelf Science* 58, 901-916.
- GOVORUKHINA, E.B. 2003. (The time course of population structure of Baikalian coastal amphipods in the Angara river source area over the period of 1999-2002.) ---- *Sibirskii Ekologicheskii Zhurnal* 10, 575-580. (In Russian, not seen)
- GRADINGER, R. R. & B. A. BLUHM 2004. In-situ observations on the distribution and behavior of amphipods and Arctic cod (*Boreogadus saida*) under the sea ice of the High Arctic Canada Basin. ---- *Polar Biology* 27, 595-603.
- GRANDA, L. D., N. FOCKEDEY, M. DE MEY, B. BREYT, M. del P. CORNEJO, J. CALDERON & M. VINCX 2004. Spatial patterns of the surf

zone hyperbenthic fauna of Valdivia Bay (Ecuador). ---- *Hydrobiologia* 529, 205-224.

GUERRA-GARCIA, J. M. 2003. The Caprellidea (Crustacea: Amphipoda) from Mauritius island, western Indian Ocean. ---- *Zootaxa* 232, 1-24. (Deals with *Caprella scaura*, *Hemiaeginina minuta*, *Metaprotella mauritiensis* n.sp. (Cap Malheureux, Mts) (with a key to world *Metaprotella*), *M. sandalensis*, *Noculacia* sp., *Orthoprotella australis* and *Paracaprella* sp.. A key is provided.)

GUERRA-GARCIA, J. M. 2003. Caprellids (Crustacea: Amphipoda) from Papua New Guinea, with the description of a new species. ---- *Helgoland Marine Research* 57, 100-109. (Deals with *Metaproto novaehollandiae*, *Protogeton inflatus*, *Pseudoproto papua* n.sp. (South PNG), *Quadrisegmentum triangulum*, *Hemiaeginina minuta*, *Metaprotella sandalensis* and *Pseudaeginella biscayensis*. A key is provided.)

GUERRA-GARCIA, J. M. 2004. The Caprellidea (Crustacea: Amphipoda) of Western Australia and Northern Territory, Australia. ---- *Hydrobiologia* 522, 1-74. (Another important paper by this prolific author. Deals with *Caprellina longicornis*, *Dodecas tasmaniensis*, *Hircella inermis*, *Liriarchus perplexus*, *Metaproto novaehollandiae*, *Paraproto tasmaniensis*, *Pseudocaprellina pambanensis*, *Pseudoproto fallax*, *Pseudoprotomima grandimana* n.sp. (W.Austr.), *Acicomula australiensis* n.sp. (Dampier Arch., W.Austr.), *Caprella danilevskii*, *C. equilibra*, *C. penantis*, *C. scaura*, *C. traudlae* n.sp. (Thompson's Bay, W.Austr.), *Hemiaeginina minuta*, *Metaprotella sandalensis*, *Noculacia australiensis*, *Orthoprotella australis*, *O. nana* n.sp. (Thompson's Bay, W.Austr.), *O. tuberculata*, *Paradeutella* sp., *Protella similis*, *Pseudaeginella biscayensis*, *P. vaderi* n.sp. (E.Africa, also NT), and *P. soela* n.sp. (W.Austr.). A key is provided.

GUERRA-GARCIA, J. M. 2004. Deep-sea Caprellidea (Crustacea, Amphipoda) from Azores with the description of three new species. ---- *Zoosystema* 26, 235-262. (Deals with *Liropus azorensis* n.sp., *Protoaeginella paraspinifera* n.sp. , *P. verrucosa* n.sp., and *Pseudoprotella phasma*. World keys to these genera are provided.)

GUERRA-GARCIA, J. M. & J. C. GARCIA-GOMEZ 2003. A new species of *Caprella* (Amphipoda, Caprellidae) from deep water. ---- *Crustaceana* 76, 581-590. (*C. sabineae* n.sp. from 600m off Sagami, Japan)

GUERRA-GARCIA, J. M. & J. C. GARCIA-GOMEZ 2004. Crustacean assemblages and sediment pollution in an exceptional case study: a harbour with two opposing entrances. ---- *Crustaceana* 77, 353-370. (Ceuta, N.Africa)

GUERRA-GARCIA, J. M., I. MARTINEZ-PITA & M. L. PITA 2004. Fatty acid composition of the Caprellidea (Crustacea: Amphipoda) from the Strait of Gibraltar. ---- *Scientia Marina* 68, 501-510.

HAAS, G., M. BLUNK & B. STREIT 2002. *Fast turnover in dominance of exotic species in the Rhine river determines biodiversity and ecosystem function: an affair between amphipods and mussels.* ---- Pp 426-432 in E. Leppäkoski, S. Gollasch & S. Olenin (eds). Invasive aquatic species of Europe. Distribution, impacts and management. Kluwer Academic Publishers, Dordrecht

HAASE, P., S. PAULS, A. SUNDERMANN & A. ZENKER 2004. Testing different sorting techniques in macroinvertebrate samples from running waters. - --- *Limnologica* 34, 366-378.

HAGERTHEY, S. E., E. C. DEFEW & D. M. PATERSON 2002. Influence of *Corophium volutator* and *Hydrobia ulvae* on intertidal benthic diatom assemblages under different nutrient and temperature regimes. ---- *Marine Ecology Progress Series* 245, 47-59.

HAGGITT, T. R. & R. C. BABCOCK 2003. The role of grazing by the lysianassid amphipod *Orchomenella aahu* in dieback of the kelp *Ecklonia radiata* in north-eastern New Zealand. ---- *Marine Biology (Berlin)* 143, 1201-1211.

HAMILTON, D.J., M. A. BARBEAU & A.W. DIAMOND 2003. Shorebirds, mud snails, and *Corophium volutator* in the upper Bay of Fundy, Canada: Predicting bird activity on intertidal mud flats. ---- *Canadian Journal of Zoology* 81, 1358-1366.

HANEY, T. A., A. O. DE ALMEIDE & M. S. S. REID 2004. A new species of cyamid (Crustacea: Amphipoda) from a stranded cetacean in southern Bahia, Brazil. ---- *Bulletin of Marine Science* 75, 409-421 (*Syncyamus ilheusensis* n.sp. from *Globicephala macrorhynchus*.)

HARO-GARAY, M. J. 2004. Diet and functional morphology of the mandible of two planktonic amphipods from the Straits of Georgia, British Columbia, *Parathemisto pacifica* (Stebbing, 1888) and *Cyphocaris challengerii* (Stebbing, 1888). ---- *Crustaceana* 76, 1291-1312.

HARRIS, J.D. 2004. "Published works" in the electronic age: recommended amendments to Articles 8 and 9 of the Code. ---- *Bulletin of Zoological Nomenclature* 61, 138-148.

HECHT, S. A., J. S. GUNNARSSON, B. L. BOESE, J. D. LAMBERSON, C. SCHAFFNER, W. GIGER & P. C. JEPSON 2004. Influences of sedimentary organic matter quality on the bioaccumulation of 4-nonylphenol by estuarine amphipods. --- *Environmental Toxicology & Chemistry* 23, 865-873.

HECKER, A., B. QUENNEDEY, O. TESTENIERE, A. QUENNEDEY, F. GRAF & G. LUQUET 2004. Orchestin, a calcium-building phosphoprotein, is a matrix component of two successive transitory calcified biomineralizations cyclically elaborated by a terrestrial crustacean. --- *Journal of Structural Biology* 146, 310-324.

HENDRYCKS, E. A. & E. L. BOUSFIELD 2004. The amphipod family Pleustidae (mainly subfamilies Mesopleustinae, Neopleustinae, Pleusymtinae and Stenopleustinae) from the Pacific coast of North America: systematics and distributional ecology. --- *Amphipacifica* 3 (4), 45-113. (Part 4 of Ed Hendrycks' monumental thesis on this fascinating family. Deals with *Mesopleustes ?abyssorum*, *Eosyntes minutus*, *Myzotarsa anaxiphilus*, *?Pleustoides mediterraneus*, *Stenopleustes latipes* (NB *Sympelustes* is returned to synonymy), *Arctopleustes glabricauda*, *Gracilipleustes* n.gen (Stenopleustinae, type *Sympelustes gracilis*), *G. gracilis*, *Pleusymtes pacifica* n.sp. (SE Alaska), *P. pribilofensis* n.sp. (Pribilof Isl.), *P. uncigera*, *P. glabroides*, *Pl. sp.*, *P. mucida*, *Rhinopleustes* n.gen. (Pleusymtinae, type *R. acuminatus*), *Rh. acuminatus* n.sp. (Pribilof isl.), *Budnikopleustes* n.gen. (Pleusymtinae, type *Pleusymtes vasinae*), *B. vasinae*, *Heteropleustes* n.gen. (Pleusymtinae, type *H. setosus*), *H. setosus* n.sp. (Vancouver Isl., BC), *H. brachypalmus* (transf. from *Pleusymtes*), *Anomalosyntes* n.gen. (Pleusymtinae, type *A. coxalis*), *A. coxalis* n.sp. (Br. Columbia), *Holopleustes* n.gen. (Pleusymtinae, type *H. aequipes*), *H. aequipes* n.sp. (Oregon), *Pleustomesus medius*, *Kamptopleustes* n.gen (Pleusymtinae, type *K. spinosus*), *K. spinosus* n.sp. (Br. Columbia), *K. coquillus* and *K. camui* (both transf. from *Pleusymtes*), *Pleustostenus displosus*, *Neopleustes columbianus* n.sp. (Br. Columbia), *N. pulchellus*, *?N. kussakini*, *Shoemakeroides* n.gen. (Neopleustinae, type *Sympelustes cornigera*), *S. cornigerus*, and *S. gagarae* (transf. from *Stenopleustes*). *Neopleustes major* and *N. oculata* are transferred tentatively to *Gnathopleustes*, *N. bicuspidis* to *?Incisocalliope*. Keys and extensive phyletic and distributional discussions are, as usual, provided.)

HINZ, H., I. KRÖNCKE & S. EHRLICH 2004. Seasonal and annual variability in an epifaunal community in the German Bight. --- *Marine Biology, Berlin* 144, 735-745.

HIRST, A. J. 2003. Encounter 2002 expedition to the Isles of St. Francis, South Australia: Peracarid crustacean epifauna of subtidal macroalgal canopies. ---- *Transactions of the Royal Society of South Australia* 127, 189-203. (Not seen).

HOFFMANN, J. 2003. Redescription of *Griffithsius latipes* (Griffiths, 1976) (Crustacea, Amphipoda, Phoxocephalidae) from the coast of Namibia. ---- *Organisms, Diversity & Evolution* 3, 307.

HOLSINGER, J. R. & S. RUFFO 2002. *Indoweckelia superstes* n.gen. n.sp. from the subterranean waters of Socotra Island: the first weckeliid amphipod crustacean (Hadziidae) found in the Indo-West Pacific region. ---- *Bollettino del Museo Civico di Storia Naturale di Verona* 26, 27-36.

HOLSTEYN, H. 2004. (An Asian on the Dutch coast). ---- *Het Zeepaard* 64, 149-150. (In Dutch. New locality for *Caprella mutica*, in extreme NE Netherlands)

HOU, Z.E, P. LI & S. Q. LI 2004. On a new species of *Gammarus* (Amphipoda; Gammaridae) from Zuanyankong cave, Guizhou, China. ---- *Crustaceana* 77, 825-833. (*Gammarus translucidus* n.sp.)

HOU, Z. E.. & S. Q. LI 2004. A new subterranean amphipod of the genus *Procrangonyx* from Beijing, China. ---- *Crustaceana* 76, 1179-1188. (*P. limpidus* n.sp. from near Beijing.)

HOU, Z. E & S. Q. LI 2004. Three new species of *Gammarus* from Shaanxi, China (Crustacea: Amphipoda: Gammaridae). ---- *Journal of Natural History* 38, 2733-2757. (*Gammarus shenmuensis* n.sp., *G. murarius* n.sp, and *G. martensi* n.sp.)

HOU, Z.E. & S.Q.LI 2004. Two freshwater species of the genus *Jesogammarus* (Crustacea: Amphipoda: Anisogammarus (sic!)) from China. ---- *The Raffles Bulletin of Zoology* 52, 1-12. (*Jesogammarus (J.) fontanus* n.sp. (Linfen, Shanxi prov.) and *J. (J.) hebeiensis* n.sp. (Lake Baiyangdian, Hebei prov.).)

HOU, Z.E. & S.Q.LI 2004. *Gammarus* species from Tibet plateau, China (Crustacea: Amphipoda: Gammaridae). ---- *The Raffles Bulletin of Zoology* 52, 147-170. (Deals with *G. lasaensis*, *G. frigidus* n.sp. (Nagqu County, Tibet, 4500m), *G. jaspidus* n.sp. (Lake Yamzho Yumco, Tibet, 4500m), and *G. sinuolatus* n.sp. (Lancang River, near Qamdo, Tibet).)

HOU, Z.E. & S. Q. LI 2005. Two new *Gammarus* species from Benxi Water Cave, China (Crustacea, Amphipoda, Gammaridae. ---- *Revue Suisse de Zoologie* 112, 47-64. (*Gammarus pexus* n sp. and *G. stalagmiticus* n.sp.)

HOU, Z. E., S. Q. LI & D. PLATVOET 2004. Three new species of the genus *Gammarus* from tributaries of the Ii river, China (Crustacea, Amphipoda, Gammaridae). ---- *Revue Suisse de Zoologie* 111, 257-284. (The Ii river runs from the Tien Shan mountains in Kazakhstan to Lake Balkhash in China. The new species are *Gammarus montanus* n.sp. , *G. brevipodus* n.sp. and *G. takesensis* n.sp.)

HUMPHREYS, W. F. 2002. The subterranean fauna of Barrow island, northwestern Australia, and its environment. ---- *Memoires de Biospéologie* 28, 107-127.

IANNILLI, V. & S. RUFFO 2002. Apennine and Sardinian species of *Gammarus*, with the description of *Gammarus elvira* n.sp. (Crustacea Amphipoda, Gammaridae). ---- *Bollettino del Accademia Gioenia, Scienze Naturale* 35, 519-532. (Deals with *G. italicus*, *G. elvira* n.sp. from the Apennines, and *G. lacustris*.)

IANNILLI, V. & A. VIGNA TAGLIANTI 2005. New data on the genus *Niphargus* (Amphipoda, Niphargidae) in Italy, with the description of a new species in the *orcinus* group. ---- *Crustaceana* 77, 1253-1261. (*N. cornicolarus* n.sp. from Lazio)

IVANOVA, M. B., N. G. KUPINA & A. P. TSURPALO 2001. Macrofauna of brackish-water areas in the intertidal zone of Del'fin Bay (Shikatan Island, Small Kuril Islands. ---- *Russian Journal of Marine Biology* 27, 271-281.

JANECKI, T. & S. RAKUSA-SUSZCZEWSKI, 2004. The effect of glutamic acid (glu) and kyrurenic acid (kyn) on the metabolism of the Antarctic amphipod *Abyssorchromene plebs*. ---- *Journal of Crustacean Biology* 24, 81-83.

JANECKI, T. & S. RAKUSA-SUSZCZEWSKI 2005. The influence of starvation and amino acids on metabolism of the antarctic amphipod *Waldeckia obesa*. ---- *Journal of Crustacean Biology* 25, 196-202.

JAZDZEWSKI, K. & A. KONOPACKA 2002. *Invasive Ponto-Caspian species in waters of the Vistula and Oder basins and the southern Baltic Sea*. ---- Pp 384-398 in E. Leppäkoski, S. Gollasch & S. Olenin (eds). Invasive aquatic species of Europe. Distribution, impacts and management. Kluwer Academic Publishers, Dordrecht.

- JONES, E. G., A. TSELEPIDES, P. M. BAGLEY, M. A. COLLINS & I. G. PRIEDE 2003. Bathymetric distribution of some benthic and benthopelagic species attracted to baited cameras and traps in the deep eastern Mediterranean. --- *Marine Ecology Progress Series 251*, 75-86.
- JUST, J. 2004. Sicafodiidae, fam. nov. for *Sicafodia stylos*, gen. nov., spec. nov., from the marine bathyal of south-eastern Australia (Crustacea: Amphipoda: Gammaridea). --- *Memoirs of Museum Victoria 61*, 65-73. (A strange amphipod with extraordinary mouthparts).
- KAIM-MALKA, R. 2004. Oostegite development during the sexual maturation of females of *Tmetonyx similis* (G.O.Sars, 1891) (Amphipoda, Lysianassidae). --- *Journal of Natural History 38*, 2403-2424.
- KAIM-MALKA, R. 2004. *Podoprion mediterraneum* (Crustacés, Amphipodes), nouvelle espèce de Podoprionidae de Méditerranée. --- *Bulletino del Museo Civico di Storia Naturale de Verona, Zoologia 28*, 3-16. (Off Toulon, France, 500m. With a synoptic key to *Podoprion* species.)
- KAMENSKAYA, O. E. 2001. *Deep-sea amphipods from the collections of the drifting station *North Pole-22* with some remarks on morphology, feeding and ecological groups.* ---- Pp 159-163 in A. P. Kuszetsov & D. N. Zezina (eds). Composition and structure of the marine bottom biota: collected proceedings. VNIRO Publishing House, Moskva. (Not seen)
- KAREZ, R. & K. LUDYNIA 2004. Niche differentiation in habitat and current preference corroborates taxonomic distinction in *Jassa falcata* and *J. marmorata* (Amphipoda, Crustacea). --- *Estuarine, Coastal and Shelf Science 58*, 279-292.
- KETELAARS, H. A. M. 2004. *Range extensions of Ponto-Caspian aquatic invertebrates in continental Europe.* ---- Pp 209-236 in H. Dumont, T. A. Shiganova & U. Niermann (eds). Aquatic invasions in the Black, Caspian and Mediterranean seas. NATO Science Series 35. Kluwer Academic Publishers, Dordrecht.
- KEVREKIDIS, T. 2004. Population dynamics, growth and reproduction of *Corophium insidiosum* (Crustacea: Amphipoda) at low salinities in Monolimni Lagoon (Evros delta, North Aegean Sea). --- *Hydrobiologia 522*, 117-132.
- KIM, Y. H. & K. S. LEE 2003. Newly recorded *Byblis japonicus* (Malacostraca: Amphipoda: Ampeliscidae) from Korea. --- *Korean Journal of Systematic Zoology 19*, 267-276.

KING, R.A. 2004. A description of *Harpinia karamani* sp. nov. (Amphipoda: Phoxocephalidae) from the Mediterranean, with a redescription of *Harpinia truncata* Sars, 1891. ---- *Zootaxa* 724, 1-10.

KING, R.A., A. A. MYERS & D. McGRATH 2004. The *Ampelisca aequicornis* group of species (Amphipoda: Ampeliscidae) with a key, and a description of *Ampelisca eclimensis* sp. nov. from Ireland. ---- *Journal of the Marine Biological Association UK* 84, 155-164. (Deals with *A. aequicornis*, *A. eclimensis* n.sp. (NW Mayo, Ireland), and *A. sorbei*.)

KLEY, A. & G. MAIER 2003. Life history characteristics of the invasive freshwater gammarids *Dikerogammarus villosus* and *Echinogammarus ischnus* in the river Main and Main-Donau Canal. ---- *Archiv für Hydrobiologie* 156, 457-469.

KOCATAS, A., T. KATAGAN, M. ÖZBEK & M. SEZGIN 2004. A new amphipod for the Turkish fauna, *Pontogammarus maeoticus* (Sowinsky, 1894). - --- *Crustaceana* 76, 879-884. (Found in a lagoon near the border with Bulgaria)

KOCATAS, A., T. KATAGAN, M. SEZGIN & F. KIRKIM 2001. (Benthic amphipods of Cesme peninsula (Aegean Sea) coast.) ---- *Su Urunleri Dergisi* 18, 111-115. (In Turkish).

KOCATAS, A., T. KATAGAN, M. SEZGIN, F. KIRKIM & C. KOCAK 2004. Crustacean diversity among the *Cystoseira* facies of the Aegean coast of Turkey. ---- *Turkish Journal of Zoology* 28, 309-316.

KONOPACKA, A. 2003. Further step to the west—*Obesogammarus crassus* (G.O.Sars) (Crustacea, Amphipoda) already in the Szczecin Lagoon. ---- *Lauterbornia* 48, 67-72. (Not seen)

KONTSCHAN, J. 2004. The aquatic Amphipoda and Isopoda (Crustacea) of the Transdanubian mountains in northwest Hungary. ---- *Lauterbornia* 49, 73-76.

KOTTE, J., K. TORN, G. MARTIN, H. ORAV-KOTTE & T. PAALME 2004. Seasonal variation in invertebrate grazing on *Chara connivens* and *C. tomentosa* in Koigusta Bay, NE Baltic Sea. ---- *Helgoland Marine Research* 58, 71-76. (i.a. *Gammarus oceanicus*)

KOVACHEV, S., V. HAINADJIEVA & S. STOICHEV 2003. Qualitative characteristics of the zoobenthos of several coastal lakes in north-east Bulgaria. -

--- *Annual of Sofia University “St. Klement Ohridski”, Faculty of Biology, Zoology 1, 19-23.*

KRAPP-SCHICKEL, T. 2004. Sorting of the old ‘*Maera sensu lato*’ flock continues: three members change to three different genera. ---- *Bollettino del Museo Civico di Storia Naturale di Verona* 28, 23-38. (Deals with *Quadrimaera ascensionis* (transf. from *Maera*), *Maera lucinae* n.sp. (Padre Island, Gulf of Mexico), and *Zygomera suasoris* n.sp.(near Madras, India).)

KRAPP-SCHICKEL, T. & I. TAKEUCHI 2005. A new species of *Caprella* (Amphipoda: Caprellidae) from the Cape Verde Islands, with note on Mediterranean *Caprella liparotensis*. ---- *Journal of the Marine Biological Association UK* 85, 93-100. (*C. wirtzi* n. sp., close to *C. liparotensis*.)

KRAVTSOVA, L. S., R. M. KAMALTYNOV, E. B. KARAMANOV, I. V. MEKHANIKOVA, T. Ya. SITNIKOVA, N. A. ROZKOVA, Z. V. SLUGINA, L. A. IZBOLDINA, I. V. WEINBERG, T.V. AKINSHINA & D.Yu. SHERBAKOV 2004. Macrozoobenthic communities of underwater landscapes in the shallow-water zone of southern Lake Baikal. ---- *Hydrobiologia* 522, 193-205. (An important paper!)

KUMAGAI, N. H. & M. N. AOKI 2003. Seasonal changes in the epifaunal community on the shallow-water gorgonian *Melithaea flabellifera*. ---- *Journal of the Marine Biological Association UK* 83, 1221-1222. (*Pleusymtes symbioticus* dominant)

KUTLU, M. & F. SUSUZ 2004. Effects of lead as an environmental pollutant on ERDO enzyme in *Gammarus pulex* (L.) (Crustacea, Amphipoda). ---- *Bulletin of Environmental Contamination and Toxicology* 72, 750-755.

LABAY, V. S. 2003. A new species of *Melita* Leach (Amphipoda: Melitidae) from oligosaline waters of Russian Far East. ---- *Zootaxa* 356, 1-8. (*Melita nitidaformis* n.sp. from Lake Tunaycha, Sakhalin Island)

LABAY, V. S., Yu. N. POLTEV & I. N. MUKHAMETOV 2002. Feeding of the snailfish *Careproctus roseofuscus* in Pacific waters of the northern Kurile Islands and southeastern Kamchatka. ---- *Russian Journal of Marine Biology* 28, 252-258. (Amph. important prey)

LANG, B. K. , V. GERVASIO, D. J. BERG, S. I. GUTTMAN, N. I. ALLAN, M. E. GARDON & G. WARRICK 2003. Gammarid amphipods of northern Chihuahuan desert spring ecosystems: an imperiled fauna. ---- *Texas Technical University Museum Special Publications* 46, 47-57.

LAWRENCE, P.N. 2004. A quantum leap for the Collembola? ---- *Crustaceana* 77, 621-636. (More evidence for this author's startling idea, that the Collembola in reality are Crustacea, close to the Amphipoda.)

LEE, K.T., J. S. LEE, D. H. KIM, C. K. KIM, K. H. PARK, S. G. KONG & G. S. PARK 2005. Influence of temperature on the survival, growth and sensitivity of benthic amphipods, *Mandibulophoxus mai* and *Monocorophium acherusicum*. ---- *Journal of the Korean Society of Marine Environmental Engineering* 8, 9-16.

LEE, J. S., K. T. LEE, D. H. KIM, J. H. LEE, K. H. PARK & G. S. PARK 2005. Application of indigenous benthic amphipods as sediment toxicity testing organisms. ---- *Ocean Science Journal* 40, 17-24. (*Mandibulophoxus mai*, *Monocorophium acherusicum*, *Haustorioides indivisus* and *H. koreanus*.)

LEHTONEN, K. K. 2004. Seasonal variation in the physiological condition of the benthic amphipods *Pontoporeia affinis* and *Pontoporeia femorata* in the Gulf of Riga (Baltic Sea). ---- *Aquatic Ecology* 38, 441-456.

LEITE, F. P. P. & A. Z. GÜTH, 2003. (Morphological variations of post-marsupial stages of *Sunampithoe pelagica* Milne-Edwards (Crustacea, Amphipoda, Gamaridea, Ampithoidae) associated to *Sargassum cymosum* C. Agardh.) ---- *Revista Brasileira de Zoologia* 20, 65-73. (In Portuguese)

LEPPÄKOSKI, E. 2004. *Living in a sea of exotics---the Baltic case*. ---- Pp 237-255 in H. Dumont, T. A. Shiganova & U. Niermann (eds). Aquatic invasions in the Black, Caspian and Mediterranean seas. NATO Science Series 35. Kluwer Academic Publishers, Dordrecht.

LEPPÄKOSKI, E., S. OLENIN & S. GOLLASCH 2002. *The Baltic Sea—a field laboratory for invasion biology*. ---- Pp 253-259 in E. Leppäkoski, S. Gollasch & S. Olenin (eds). Invasive aquatic species of Europe. Distribution, impacts and management. Kluwer Academic Publishers, Dordrecht.

LEVIN, L. A., D. W. JAMES, C. M. MARTIN, A. E. ROTHBURN, L. H. HARRIS & R. H. MICHENER 2000. Do methane seeps support distinct macrofaunal assemblages? Observations on community structure and nutrition from the northern California slope and shelf. ---- *Marine Ecology Progress Series* 208, 21-39.

LINSE, K., A. BRANDT, B. HILBIG & G. WEGENER 2002. Composition and distribution of suprabenthic fauna in the southeastern Weddell Sea and off King George Island. ---- *Antarctic Science* 14, 3-10.

LOPES, O. L. & S. MASUNARI 2004. (Distribution and abundance of *Talitroides topitotum* (Burt) (Crustacea, Amphipoda, Talitridae) nearby the Guaricana Hydroelectric Plant, Serra do Mar, Gueratuba, Paraná). ---- *Revista Brasileira de Zoologia* 21, 219-227. (In Portuguese)

LÖRZ, A.-N. & C. HELD 2004. A preliminary molecular and morphological phylogeny of the Antarctic Epimeriidae and Iphimediidae (Crustacea: Amphipoda). ---- *Molecular Phylogeny & Evolution* 31, 4-15. (An important paper! The genera *Iphimediella* and *Gnathiphimedia* are probably not monophyletic. The Iphimediidae are closer to *Eusirus* than to the Epimeriidae.)

LOWRY, J. K. 2004. A new species of *Corophium* from eastern Australian estuaries (Crustacea: Amphipoda: Corophiidae: Corophiinae: Corophiini). ---- *Zootaxa* 754, 1-10. (*Corophium colo* n.sp.)

LOWRY, J. K. & R. T. SPRINGTHORPE 2005. New calliopiid and eusirid amphipods from eastern Australian waters (Crustacea: Amphipoda: Calliopiidae: Eusiridae). ---- *Proceedings of the Biological Society of Washington* 118, 38-47. (Deals with *Membrilopus kensleyi* n.sp. (Wollongong, NSW), *Regalia juliana* n.sp. (NSW) and *Rhachotropis elliottana* n.sp. (Queensland).)

LYUBINA, O.S. 2001. (Distribution of Amphipoda, Gammaridea, in the south part of the Kara Sea.) ---- *Doklady Akademii Nauk* 377, 423-426. (In Russian, not seen)

McCURDY, D. G., M. R. FORBES, S. P. LOGAN, M. T. KOPEC & S.I. MAUTNER 2004. The functional significance of intersexes in the intertidal amphipod *Corophium volutator*. ---- *Journal of Crustacean Biology* 24, 261-265

McCURDY, D. G. & B. MORAN 2004. Parasitism and soft-bottom community structure: studies in a polychaete-amphipod system. ---- *Journal of the Marine Biological Association UK* 84, 165-169. (The amphipod is *Corophium volutator*).

MacNEIL, C., J. T. A. DICK, M. J. HATCHER & A. M. DUNN 2003. Differential drift and parasitism in invading and native *Gammarus* spp. (Crustacea: Amphipoda). ---- *Ecography* 26, 467-473.

MacNEIL, C., J. PREENTER, M. BRIFFA, N. J. FIELDING, J. T. A. DICK, G. E. RIDDELL, M. J. HATCHER & A. M. DUNN 2004. The replacement of a native freshwater amphipod by an invader: roles for environmental degradation and intraguild predation. ---- *Canadian Journal of Fisheries and Aquatic Sciences* 61, 1627-1635. (*Gammarus duebeni celticus* replaced by *G. pulex* in N. Ireland.)

MALYUTINA, M. 2004. Russian deep-sea investigations of Antarctic fauna. --- - *Deep-Sea Research II* 51, 1551-1570. (A most useful review).

MATAFONOV, D. V., M. Ts. ITIGILOVA, R. M. KAMALTYNOV & L. M. FALEICHIK 2005. (The Baikalian endemic species *Gmelinoides fasciatus* (Micruropodidae, Gammaroidea, Amphipoda) in Lake Arakhlei.) ---- *Zoologichesky Zhurnal* 84, 321-329 (In Russian)

MAYEN-ESTRADO, R. & M. A. ALADRO-LUBEL 2004. First record of *Conidophrys pilisuctor* (Ciliophora: Pilisuctorida) as ectosymbiont of *Hyalella azteca* from Mexico. ---- *Hydrobiologia* 529, 19-26.

MEISZNER, K. & T. SCHAAARSCHMIDT 2000. Ecophysiological studies of *Corophium volutator* (Amphipoda) infested by microphallid trematodes. ---- *Marine Ecology Progress Series* 202, 143-151.

MENG, K., Z.E. HOU & S. Q. LI 2003. A new species from Xinjiang, China (Crustacea, Amphipoda, Gammaridae). ---- *Acta Zootaxonomica Sinica* 28, 621-628. (*G. decorosus* n.sp.)

MESSANA, G. & S. RUFFO 2001. A new species of *Longigammarus* (Crustacea Amphipoda, Gammaridae) from the Pianosa Island (Tuscany Archipelago). ---- *Italian Journal of Zoology* 68, 161-164. (*L. planasiae* n.sp.)

MEYER, A., N. KASCHEK & E. I. MEYER 2004. The effect of low flow and stream drying on the distribution and relative abundance of the alien amphipod , *Echinogammarus berilloni* (Catta, 1878) in a karstic stream system (Westphalia, Germany). ---- *Crustaceana* 77, 909-922.

MINCHIN, D. & C. ENO 2002. *Exotics of coastal and inland waters of Ireland and Britain*. ---- Pp 267-275 in E. Leppäkoski, S. Gollasch & S. Olenin (eds). Invasive aquatic species of Europe. Distribution, impacts and management. Kluwer Academic Publishers, Dordrecht.

MIRZAJANI, A.R. 2003. A study on the population biology of *Pontogammarus maeoticus* (Sowinsky, 1894) in Bandar Anzali, southern Caspian Sea. ---- *Zoology in the Middle East* 30, 61-68.

MONAKOV, A.B. 2003. *Side-swimmers (Amphipoda)*. ---- Pp 219-228 in Kenobi Productions, Ghent, Belgium. Feeding of freshwater invertebrates. (Not seen)

MORINO, H., H. KUSANO & J. R. HOLINGER 2004. Description and distribution of *Crangonyx floridanus* (Crustacea: Amphipoda: Crangonyctidae) in Japan, an introduced freshwater amphipod from North America. ---- *Contributions of the Biological Laboratory, Kyoto University* 29, 371-381. (Spreading quickly in eastern central Honshu, also found in western Kyushu.)

MOSHCHENKO, A. V. & A. Y. ZVYAGINTSEV 2004. Composition, structure and some distribution features of fouling community in the water intake tunnel of Vladivostok heat and power plant. ---- *Ocean and Polar Research* 26, 619-633. (i.a. *Jassa marmorata*. Further amphipods listed on pp 622-623 and 625.)

MÜLLER, J.C. & E. M. GRIEBELER 2002. *Genetics on invasive species*. ---- Pp 173-182 in E. Leppäkoski, S. Gollasch & S. Olenin (eds). Invasive aquatic species of Europe. Distribution, impacts and management. Kluwer Academic Publishers, Dordrecht

MYERS, A. A. & M. R. CUNHA 2004. New and little known corophiidean amphipods from the “Lucky Strike” hydrothermal vent, Mid-Atlantic Ridge. ---- *Journal of the Marine Biological Association UK* 84, 1019-1025. (Deals with *Autonoe longicornis* (transferred from *Hansenella*)---with a key to male *Autonoe*--, and *Bonnierella compar* n.sp. (“Lucky Strike”, 1700m).)

MYERS, A. A. & J. M. HALL-SPENCER 2003. A new species of amphipod crustacean, *Pleusymtes comitari* sp. nov., associated with gorgonians on deep-water coral reefs off Ireland. ---- *Journal of the Marine Biological Association UK* 83, 1029-1033. (*P. comitari* n.sp. from Porcupine bank, 730m)

NASRI-AMMAR, K. Z. & E. MORGAN 2005. Variation saisonnière du rythme de l’activité locomotrice de *Talitrus saltator* issu de la plage de Karba (Cap Bon, Tunisie). ---- *Bulletin du Société Zoologique de France* 130, 19-29.

NEHRING, S. 2002. *Biological invasions into German waters: an evaluation of the importance of different human-mediated vectors for nonindigenous macrozoobenthic species*. ---- Pp 373-383 in E. Leppäkoski, S. Gollasch & S.

Olenin (eds). Invasive aquatic species of Europe. Distribution, impacts and management. Kluwer Academic Publishers, Dordrecht

NEWELL, R. C., L. J. SEIDERER, N. M. SIMPSON & J. E. ROBINSON 2004. Impacts of marine aggregate dredging on benthic macrofauna off the south coast of the United Kingdom. ---- *Journal of Coastal Research* 20, 115-125.

NOGUEIRA , J. M. de M. 2003. Fauna living in colonies of *Mussismilia hispida* (Verrill) (Cnidaria: Scleractinia) in four south-eastern Brazil islands. ---- *Brazilian Archives of Biology and Technology* 40, 421-432. (Nineteen amphipods, listed on p. 425.)

OHTA, M., T. ARAI & N. MIYAZAKI 2003. Timing of sex disturbance caused by tributyltin exposure during the embryonic stage in the caprellid amphipod *Caprella danilevskii*. ---- *Journal of the Marine Biological Association UK* 83, 943-944.

OHTA, M., T. ARAI & N. MIYAZAKI 2004. Effects of tributyltin on the survival of the caprellid amphipod *Caprella danilevskii*. ---- *Journal of the Marine Biological Association UK* 84, 345-349.

OHTA, M., T. ARAI & N. MIYAZAKI 2003. Chronic effects of tributyltin on the caprellid amphipod *Caprella danilevskii*. ---- *Marine Pollution Bulletin* 46, 1263-1272.

OJAVEER, H., E. LEPPÄKOSKI, S. OLONIN & A. RICCIARDI 2002. *Ecological impact of Ponto-Caspian invaders in the Baltic Sea, European inland waters and the Great Lakes: an inter-ecosystem comparison*. ---- Pp 412-425 in E. Leppäkoski, S. Gollasch & S. Olenin (eds). Invasive aquatic species of Europe. Distribution, impacts and management. Kluwer Academic Publishers, Dordrecht.

OLIVA-RIVIERA, J. J. 2003. The amphipod fauna of Banco Chincorro, Quintana Roo, Mexico, with ecological notes. ---- *Bulletin of Marine Science* 73, 77-89.

ORAV-KOTTE, H. & J. KOTTE 2003. Seasonal variations in the grazing of *Gammarus oceanicus*, *Idotea baltica* and *Palaemon adspersus* on benthic macroalgae. ---- *Estonian Academy of Sciences, Biology & Ecology* 52, 141-148.

O'REILLY, M. 1998. Whale-lice (Amphipoda: Cyamidae) and sea lice (Copepoda: Caligidae) from stranded whales in the Firth of Forth. ---- *Glasgow*

Naturalist 23, 24-26. (*Cyamus catodontis* from *Physeter*, *Platycyamus thompsoni* from *Hyperoodon*.)

O'REILLY, M. 2002. A new species of parasitic copepod *Sphaeronella keppellensis* n.sp. (Siphonostomatida, Nicothoidae) from the amphipod *Orchomene nana* (Krøyer, 1846) in the Firth of Clyde. ---- *Glasgow Naturalist* 24, 83-91.

O'REILLY, M., E. HAMILTON & L. HEANEY 2001. New records of amphipods and leptostracans from the Forth sea area, with notes on their copepod parasites (Siphonostomatidea. Nicothoidae). ---- *Glasgow Naturalist* 23, 35-42. (Not seen)

ORTIZ, M., A. GARCIA-DEBRAS & R. LALANA 2003. (A new species of anchialine amphipod crustacean of the genus *Socarnopsis* (Amphipoda, Lysianassidae) of the cavern system of Playa Giran, Cuba.) ---- *Avicennia* 16, 71-77. (In Spanish. *S. karamani* n.sp. .)

ORTIZ, M. & A. JIMENO 2003. (Contribution to the knowledge on amphipods (Gammaridea) of Ibiza, Balearic Islands.) ---- *Graelssia* 59, 97-99. (in Spanish, not seen)

ORTIZ, M. & R. LALANA 2003. On a new species of *Podocerus* (Amphipoda: Gammaridea: Podoceridae) from the Indonesian archipelago. ---- *Travaux du Museum National d'Histoire Naturelle "Grigore Antipa"* 45, 61-66. (*P. sandroruffoi* n.sp. from Bunaken island, Celebes Sea.)

ORTIZ, M., A. MARTIN, I. WINFIELD, Y. DIAZ & D. ATIENZA 2004. (*Amphipoda (Crustacea: Gammaridea). Illustrated key to the identification of the families, genera and species of the marine and estuarine tropical west Atlantic.*) ----Universidad Nacional Autonoma de Mexico. Facultad de Estudios Superiores Iztocala, 162 pp. (In Spanish. This key uses illustrations exclusively, not a classical dichotomic key. A list of species is annexed.)

OUTREMAN, Y., L. BOLLACHE, S. PLAISTOU & F. CÉZILLY 2002. Patterns of intermediate host use and levels of association between two conflicting manipulative parasites. ---- *International Journal for Parasitology* 32, 15-20.

ÖZBEK, M., S. BALIK & M. R. USTAOGLU 2004. An amphipod species new for the Turkish fauna: *Pontogammarus aestuarius* (Derzhavin, 1924). ---- *Zoology in the Middle East* 32, 63-68.

ÖZBEK, M., S. BALIK & M. R. USTAOGLU 2004. Malacostraca (Crustacea) fauna of Yuvariak Stream (Köycegiz-Mugla). ---- *Turkish Journal of Zoology* 28, 321-327. (Five amphipod species).

ÖZBEK, M. R. USTAOGLU & S. BALIK 2003. Contribution to the knowledge on variability and ecology of *Echinogammarus antalyae* Karaman, 1971 (Crustacea: Amphipoda). ---- *Zoology in the Middle East* 29, 113-115.

ÖZBEK, M., M. R. USTAOGLU & S. BALIK 2004. A new species of corophiid for the Turkish fauna: *Chelicorophium maeoticum* (Sowinsky, 1898) (Amphipoda). ---- *Crustaceana* 77, 1013-1018.

PANOV, V. E. & N. A. BEREZINA 2002. *Invasion history, biology and impacts of the Baikalian amphipod Gmelinoides fasciatus*. ---- Pp 96-103 in E. Leppäkoski, S. Gollasch & S. Olenin (eds). Invasive aquatic species of Europe. Distribution, impacts and management. Kluwer Academic Publishers, Dordrecht.

PASCOE, D., K. CARROLL & D. W. BOWKER 2004. Does social isolation during early development affect the reproductive behaviour of the amphipod *Hyalella azteca* (Saussure, 1858)? ---- *Archiv für Hydrobiologie* 159, 137-144. (Not seen, so I still don't know).

PATZNER, R. A. 2004. Associations with sea anemones in the Mediterranean Sea: a review. ---- *Ophelia* 58, 1-11.

PAULAY, G., R. KROPP, P. K. L. NG & L. G. ELDREDGE 2003. The crustaceans and pycnogonids of the Mariana Islands. ---- *Micronesica* 35/36, 456-513.

PEREIRA, R.C., D. N. CAVALCANTI & V. L. TEIXEIRA 2000. Effects of secondary metabolites from the tropical Brazilian brown alga *Dictyota menstrualis* on the amphipod *Parhyale hawaiensis*. ---- *Marine Ecology Progress Series* 205, 95-100.

PEREIRA, V.F.G.C. 2004. *Hyalella dielaii* sp. nov. from São Paulo, Brazil (Amphipoda, Hyalellidae). ---- *Revista Brasileira de Zoologia* 21, 179-184.

PERRONE, F. M., A. DELL'ANNO, R. DANOVARO, N. DELLA CROCE & M. H. THURSTON 2002. Population biology of *Hirondellea* sp.nov. (Amphipoda: Gammaridea: Lysianassoidea) from the Atacama Trench (south-east Pacific Ocean). ---- *Journal of the Marine Biological Association UK* 82, 419-425.

PERRON-MINNOT, M.-J. 2004. Larval morphology, genetic divergence, and contrasting levels of host manipulation between forms of *Pomphorhynchus laevis* (Acanthocephala). ---- *International Journal for Parasitology* 34, 45-54.

PETRYASHOV, V. V., A. A. GOLIKOV, M. SCHMIDT & E. RACHOR 2004. (Macrofauna of the Laptev Sea shelf). ---- *Issledovanya Faunyi Morei* 54-1 (62), 9-27. (In Russian).

PIENIMÄKI, M., M. HELAVUORI & E. LEPPÄKOSKI 2004. First findings of the North American amphipod *Gammarus tigrinus* Sexton, 1939 along the Finnish coast. ---- *Memoranda pro Flora et Fauna Fennica* 80, 17-19.

PISCART, C., S. DEVIN, J.-N. BEISEL & J.-C. MORETEAU 2003. Growth-related life-history traits of an invasive gammarid species: evaluation with a Laird-Gompertz model. ---- *Canadian Journal of Fisheries and Aquatic Sciences* 61, 2006-2014. (*Dikerogammarus villosus*)

PLAISTOW, S. J., J.-PH. TROUSSARD & F. CÉZILLY 2001. The effect of the acanthocephalan parasite *Pomphorhynchus laevis* on the lipid and glycogen content of its intermediate host *Gammarus pulex*. ---- *International Journal for Parasitology* 31, 346-351.

PODRAZA, P., T. EHLERT & P. ROSS 2001. Erstnachweis von *Echinogammarus trichiatus* (Crustacea: Amphipoda) im Rhein. ---- *Lauterbornia* 41, 129-133.

POGGIALE, J.-C. & J.-C. DAUVIN 2001. Long-term dynamics of three benthic *Ampelisca* (Crustacea, Amphipoda) populations from the bay of Morlaix (western English Channel) related to their disappearance after the 'Amoco Cadiz' oil spill. ---- *Marine Ecology Progress Series* 214, 201-209. (*Ampelisca armoricana*, *A. sarsi* and *A. tenuicornis*)

POORE, A. G. B. 2004. Spatial associations among algae affect host use in a herbivorous marine amphipod. ---- *Oecologia* 140, 104-112.

PRENTER, J., C. MacNEIL, J. T. A. DICK & A. M. DUNN 2004. Roles of parasites in animal invasions. ---- *Trends in Ecology & Evolution* 19, 385-390.

RAYOL, M. C. & C. S. SEREJO 2003. A new species of *Monoliropus* Mayer, 1903 (Amphipoda, Caprellidea) from Guanabara Bay, RJ, Brazil. ---- *Arquivos do Museu Nacional (Rio de Janeiro)* 61, 165-170. (Not seen. *M. enodis* n.sp.)

REISE, K., S. GOLLASCH & W. J. WOLFF 2002. *Introduced marine species of the North Sea coasts.* ---- Pp 260-266 in E. Leppäkoski, S. Gollasch & S. Olenin (eds). Invasive aquatic species of Europe. Distribution, impacts and management. Kluwer Academic Publishers, Dordrecht.

REN, X. 2003. Studies on genus *Corophium* (Crustacea: Amphipoda) from the China Sea. ---- *Transactions of the Chinese Crustacean Society* 4, 154-180. (Mostly in Chinese. Twenty species, of which *C. serraticaudatum* n. sp. from the N. Yellow Sea is new, and *C. acutum* is new to Chinese seas. A key to *Corophium* is provided (in Chinese), and there are illustrations of most of the species. There is an English description of *C. serraticaudatum* n.sp.)

RICHOUX, N. B., R. J. THOMPSON & D. DEIBEL 2004. Population biology of hyperbenthic crustaceans in a cold water environment (Conception Bay, Newfoundland). II. *Acanthostepheia malmgreni* (Amphipoda). ---- *Marine Biology, Berlin* 144, 895-904.

RIGAUD, T. & Y. MORET 2003. Differential phenoloxidase activity between native and invasive gammarids infected by local acanthocephalans: differentiated immunosuppression. ---- *Parasitology* 127, 571-577.

RUDOLPH, K. 2001. Zur Frage des gültigen Namens für die pontokaspische Amphipoden-Art *Echinogammarus ischnus* (Stebbing, 1899). ---- *Lauterbornia* 41, 85-88. (Not seen)

RUFFO, S. 2004. *Nihotunga traudlina* new species from the Island of Bali (Indonesia) (Crustacea, Amphipoda, Nihotungidae). ---- *Bollettino del Museo Civico di Storia Naturale di Verona* 28, 17-22.

RUFFO, S., J. R. HOLSINGER & T. R. SAWICKI 2003. *Indoweckelia stocki* n.sp. from subterranean waters of northern Oman: the second weckeliid amphipod crustacean (Hadziidae) described from the Middle East (Stygofauna of Oman, nr 6). ---- *Bollettino del Museo Civico di Storia Naturale di Verona* 27, 3-11.

SALOVIUS, S. & P. KRAUFVELIN 2004. The filamentous green alga *Cladophora glomerata* as a habitat for littoral macrofauna in the northern Baltic Sea. ---- *Ophelia* 58, 65-78. (i.a. *Gammarus* spp)

SANO, M., M. OMORI & K. TANIGUCHI 2003. Predator-prey systems of drifting seaweed communities off the Tohoku coast, northern Japan, as determined by feeding habit analysis of phytal animals. ---- *Fisheries Science* 69, 260-268. (Amph. p. 262)

SARVER, R. J. & K. B. LISTER 2004. Surface stream occurrence and updated distribution of *Allocrangonyx hubrichti* Holsinger (Amphipod: Allocrangonyctidae), an endemic subterranean amphipod of the interior highlands. ---- *Journal of Freshwater Ecology* 19, 165-168.

SATAH, K. 2004. Occurrence of *Phronima sedentaria* (Forskål, 1775) (Amphipoda, Hyperiidea) in the stomach of the Longnose Lancetfish, *Alepisaurus ferox* (Lowe, 1833) (Alelopiformes, Alepisauroidei) in the north and tropical Atlantic Ocean. ---- *Crustaceana* 77, 729-739.

SAWICKI, T. R. & J. R. HOLSINGER 2004. Systematics of the subterranean amphipod *Bahadzia* (Hadziidae), with description of a new species, redescription of *B. yagerae*, and analysis of phylogeny and biogeography. ---- *Journal of Natural History* 38, 1397-1414. (*B. caymanensis* n.sp.)

SCHRAM, F. R. 2005. The place of Collembola amongst the Arthropoda. ---- *Crustaceana* 77, 1263-1265. (Not particularly near Amphipoda!)

SCHULZ, M. & C. G. ALEXANDER 2001. Aggressive behaviour of *Caprella scaura typica* Mayer, 1890 (Crustacea: Amphipoda). ---- *Marine and Freshwater Behaviour & Physiology* 34, 181-187. (Not seen.)

SCHIRLING, M. R., R. TRIEBSKORN & H.-R. KOEHLER 2004. Variations in stress protein levels (hsp 70 and hsp 90) in relation to oocyte development in *Gammarus fossarum* (Koch, 1835). ---- *Invertebrate Reproduction & Development* 45, 161-167.

SEREJO, C. S. 2004. Talitridae (Amphipoda, Gammaridea) from the Brazilian coastline. ---- *Zootaxa* 646, 1-29. (Not seen. Deals with *Chelorchestia darwinii*, *Atlantorchestia* n.gen, for *Pseudorchestoidea brasiliensis*, 'Talorchestia' *tucurauana* and *Platorchestia monodi*. Lectotype is designated for *Platorchestia platensis*. Keys to Brazilian talitrids are provided.)

SEREJO, C.S. 2004. Cladistic revision of talitroidean amphipods (Crustacea, Gammaridea), with a proposal of a new classification. ---- *Zoologica Scripta* 33, 551-586. (An epochal paper, and the start of a new era in the classification of the Talitroidea. I have taken the liberty of copying the proposed new classification of this group on pp 39 and 40 of this newsletter.)

SHADRIN, N. V. & V. A. GRINTSOV 2003. (Hyperhaline lake—a new biotope for *Orchestia gammarella* (Pallas, 1766) (Amphipoda).) ---- *Mors 'kij*

Ekologichnij Zhurnal 2 (3), 80. (In Russian. On Black Sea shore near Sebastopol.)

SHEADER, M., C. L. VAN DOVER & M. H. THURSTON 2004. Reproductive biology of *Bouvierella curtirama* (Amphipoda: Eusiridae) from chemically distinct vents in the Lucky Strike vent field, Mid-Atlantic Ridge. ---- *Marine Biology, Berlin* 144, 503-514.

SILBERMAN, J. O., A. G. COLLINS, L. A. GERSHWIN, P. J. JOHNSON & A. J. ROGER 2004. Ellobiopsids of the genus *Thalassomyces* are Alveolates. --- *- Journal of Eukaryotic Microbiology* 51, 246-252. (A molecular study).

SIRENKO, B., S. DENISENKO, H. DEUBEL & E. RACHOR 2005. Deep water communities of the Laptev Sea and adjacent parts of the Arctic Ocean. ---- *Issledovanya Faunyi Morei* 54-1 (62), 28-73. (An important paper. Amph. listed on pp 59-60).

SLOTHOUBER GALBREATH, J. G. M., J. E. SMITH, R. S. TERRY, J. J. BECNEL & A. M. DUNN 2004. Invasion success of *Fibrillonosema crangonycis*, n.sp, n.g.: a novel vertically transmitted microsporidian parasite from the invasive amphipod host *Crangonyx pseudogracilis*. ---- *International Journal for Parasitology* 34, 235-244.

SPEARS, T., R. W. DeBRY, L. G. ABELE & K. CHODYLA 2005. Peracarid monophyly and interordinal phylogeny inferred from nuclear small-subunit ribosomal DNA sequences (Crustacea: Malacostraca: Peracarida). ---- *Proceedings of the Biological Society of Washington* 118, 117-157. (An important paper)

SPICER, J. L. & E. HODGSON 2003. Between-population variation in haemocyanin composition of the beachflea *Orchestia gammarellus* (Crustacea: Amphipoda). ---- *Journal of the Marine Biological Association UK* 83, 945-947.

SPICER, J. I. & E. HODGSON 2003. Structural basis for the salinity-induced alteration in oxygen binding by haemocyanin from the estuarine amphipod *Chaetogammarus marinus* (L.). ---- *Physiology & Biochemical Zoology* 76, 843-849.

STODDART, H. E. & J. K. LOWRY 2004. The deep-sea lysianassoid genus *Eurythenes* (Crustacea, Amphipoda, Eurytheneidae n. fam.). ---- *Zoosystema* 26, 425-468. (Extensive redescriptions of *E. gryllus* and *E. obesus*, and description of *E. thurstoni* n.sp. from off New South Wales, Australia. A new monotypic family is erected for the genus.)

- SUBIDA, M. D., M. R. CUNHA & M. H. MOREIRA 2005. Life history, reproduction, and production of *Gammarus chevreuxi* (Amphipoda: Gammaridae) in the Ria de Aveiro, northwestern Portugal. ---- *Journal of the North American Benthological Society* 24, 82-100.
- SZANIAWSKI, A., T. LAPUCKI & M. NORMANT 2003. The invasive amphipod *Gammarus tigrinus* Sexton, 1939, in Puck Bay. ---- *Oceanologia* 45, 507-510.
- TAFANI, B., A. UGOLINI, M. BAZZICALUPE, A. MENGONI & S. RUFFO 2004. Phylogenetic relationships among Mediterranean sandhoppers. ---- *Journal of Natural History* 38, 499-508. (With diagnoses of the new genera *Deshayesorchestia* n.gen., for *Talorchestia deshayesii*, and *Sardorchestia* n. gen., for *Talorchestia pelecaniformis*.)
- TAKEUCHI, I., M. MATSUTSAMA & S. KIKUCHI 2003. Gill ultrastructure and salinity tolerance of *Caprella* spp (Crustacea: Amphipoda: Caprellidea) inhabiting the *Sargassum* community. ---- *Fisheries Science (Tokyo)* 69, 966-973.
- TAKEUCHI, I., S. TAKAHASHI & S. TANABE 2004. Decline in butyltin levels in *Caprella* spp (Crustacea: Amphipoda) inhabiting the *Sargassum* community in Otsuchi Bay, Japan from 1994 to 2001. ---- *Journal of the Marine Biological Association UK* 84, 911-918.
- TAKEUCHI, I., S. TAKAHASHI, S. TANABE & N. MIYAZAKI 2004. Butyltin concentrations along the Japanese coast from 1997 to 1999 monitored by *Caprella* spp (Crustacea: Amphipoda). ---- *Marine Environmental Research* 57, 397-414.
- TAKHTEEV, V. V., A. M. LEVASHKEVICH & E. B. GOVORUKHINA 2004. Effect of artificial illumination on the intensity of nocturnal vertical migrations of amphipods. ---- *Russian Journal of Ecology* 35, 421-423.
- TANAKE, M. D. & F. P. P. LEITE 2004. Distance effects on short-term recolonization of *Sargassum stenophyllum* by mobile epifauna, with an analysis of gammarid life habits. ---- *Journal of the Marine Biological Association UK* 84, 901-913.
- THIEL, M. 2003. Extended parental care in crustaceans—an update. ---- *Revista Chilena de Historia Natural* 76, 205-218.

THIEL, M. 2003. Rafting of benthic macrofauna: important factors determining the temporal succession of the assemblage on detached macroalgae. ---- *Hydrobiologia* 503, 49-57.

THIEL, M. & L. GUTOW 2004. The ecology of rafting in the marine environment.1. The floating substrata . ---- *Oceanography & Marine Biology, an Annual Review* 42, 181-264. (An important review paper!)

TIERNEY, T.O., F. KANE, O. NAUGHTON, S. KENNEDY, P. O'DONOHUE , L. COPLEY & D. JACKSON 2004. On the occurrence of the caprellid amphipod, *Caprella mutica* Schurin, 1935, in Ireland. ---- *The Irish Naturalists Journal* 27, 437-439.

TOMIKAWA, K., E. A. HENDRYCKS & S. F. MAWATARI 2004. A new species of the genus *Dactylopleustes* (Crustacea: Amphipoda: Pleustidae) from Japan, with a partial redescription of *D. echinoides* Bousfield & Hendrycks, 1995 . ---- *Zootaxa* 674, 1-14. (*D. yoshimurai* n.sp. from off Hokkaido, Japan, on the sea urchin *Strongylocentrotus intermedius*. New material of *D. echinoides* comes from *S. droebachiensis*. A key is provided.)

TORCHIN, M. E., K. D. LAFFERTY, A. P. DOBSON, V. J. MacKENZIE & A. M. KURIS 2003. Introduced species and their missing parasites. ---- *Nature, London* 421, 628-630.

TZVETKOVA, N.L. 2004. (*To the centenary of professor E.F.Gurjanova (25.01.1902--27.01.1981)*. ---- Pp 88-101 in B.I.Sirenko (ed.). (Fauna and ecosystems of the Laptev Sea and adjacent deep waters of the Arctic Basin. Part II.) (*Explorations of the fauna of the seas*) 54. St Petersburg, Zoological Institute. (In Russian. With many photographs, a bibliography and a list of animals named in her honour)

D'UDEKEM D'ACOZ, C. 2004. The genus *Bathyporeia* Lindström, 1855, in western Europe (Crustacea: Amphipoda: Pontoporeiidae). ---- *Zoologische Verhandelingen, Leiden* 348, 1-162. (A most thorough revision of this difficult genus, dealing with *Bathyporeia elegans*, *B. gracilis*, *B. guillamsoniana*, *B. nana*, *B. pelagica*, *B. pilosa*, *B. sarsi* and *B. tenuipes*. A key is provided.)

d'UDEKEM d'ACOZ, C. & M. MENIOUI 2004. On three new *Bathyporeia* species from the Atlantic coasts of North Africa (Crustacea, Amphipoda, Pontoporeiidae). ---- *Cahiers de Biologie Marine* 45, 175-195. (Deals with *B. elkaimi* n.sp. (Bou Regreg, Morocco), *B. ledoyerii* n.sp. (S. of Dakhla, Morocco), and *B. microceras* n.sp. (Bay of Dakhla, Morocco).

d'UDEKEM d'ACOZ, C. & W. VADER 2004. *Bathyporeia elegans* Watkin, 1938 (Crustacea, Amphipoda): proposed conservation. ---- *Bulletin of Zoological Nomenclature* 61, 162-164.

VALERIO-BERARDO, M. T. & Y. WAKABARA 2003. *Leptocheirus spinicoxa*, a new species of Corophiidae (Amphipoda) from the northeastern brazilian coast. ---- *Nauplius* 11, 51-56. (from Bahia, Brazil)

VASSILENKO, S. V. 2004. (*Caprellidea (Amphipoda) of the Laptev Sea, northwestern part of the East-Siberian Sea and adjacent waters of the Arctic Ocean*. Pp 5-14 in B.I.Sirenko (ed.). (Fauna and ecosystems of the Laptev Sea and adjacent deep waters of the Arctic Basin. Part II.) (*Explorations of the fauna of the seas*) 54-2. St Petersburg, Zoological Institute. (In Russian. Deals with *Aeginina longicornis*, *Protellina arctica*, *Tritella pilimana*, *Metacaprella horrida*, *Caprella carina*, *C. linearis* and *C. microtuberculata*)

VELDE, G.v.d., I. NAGELKERKEN, S. RAJAGOPAL & A. bij de VAATE 2002. *Invasions by alien species in inland freshwater bodies in western Europe: the Rhine delta*. ---- Pp 260-372 in E. Leppäkoski, S. Gollasch & S. Olenin (eds). Invasive aquatic species of Europe. Distribution, impacts and management. Kluwer Academic Publishers, Dordrecht

VINOGRADOV, G.M. 2004. Near-bottom and pelagic gammaridean amphipods in the western Indian Ocean. ---- *Annals of the South African Museum* 112, 39-88. (Deals with *Trischizostoma tanjae* (with key to the genus), *Amaryllis maculata* n.sp., (Walters Shoal), *Erikus dahli*, *Scopelocheirospis sublitoralis* n.sp. (Mozambique Channel), *Eurythenes gryllus*, *Ichnopus walkeri* n.sp. (Mozambique Channel), *Eusirella* ? *elegans*, *Regalia oculata* n.sp. (Mozambique Channel) and *Paramoera austrina*. Many other species are recorded.)

VINOGRADOV, G.M. 2004. (*Leucothoe uschakovi* (Amphipoda, Gammaridea) as a symbiont of deep-water sponges.) ---- *Trudy Belomorskoy Biologicheskoy Stantzii im N.A.Pertzova* 9 (2003), 34-35. (In Russian. From Mohns ridge, Norwegian Sea, 2900m.)

WALKUSZ, W., S. KWASNIEWSKI, K. DMOCH, H. HOP, M. J. ZMIJEWSKA, L. BIELECKA, S. FALK-PETERSEN & J. SICINSKI 2004. Characteristics of the Arctic and Antarctic mesozooplankton in the neritic zone during summer. ---- *Polish Polar Research* 25, 275-291.

WANG, X. & G.-P. ZAUKE 2004. Size-dependent bioaccumulation of metals in the amphipod *Gammarus zaddachi* (Sexton, 1912) from the river Hunte

(Germany) and its relationship to the permeable body surface area. ---- *Hydrobiologia* 151, 11-28.

WERNER, I., H. AUEL & T. KIKO 2004. Occurrence of *Anonyx sarsi* (Amphipoda: Lysianassoidea) below Arctic pack ice: an example of cryo-benthic coupling? ---- *Polar Biology* 27, 474-481.

WHISSON, C. S., F. E. WELLS & T. ROSE 2004. The benthic invertebrate fauna of the Peel-Harvey estuary of south-western Australia after completion of the Dawesville Channel. ---- *Records of the West Australian Museum* 22, 81-90. (Eleven amphipod spp mentioned)

WILLIS, K. J., E. J. COOK, M. LOZANO-FERNANDEZ & I. TAKEUCHI 2004. First record of the alien caprellid amphipod, *Caprella mutica*, for the UK. ---- *Journal of the Marine Biological Association UK* 84, 1027-1028. (W. Scotland, near Oban.)

YAMADA, Y., T. IKEDA & A. TSUDA 2004. Comparative life-history study on sympatric hyperiid amphipods (*Themisto pacifica* and *T. japonica*) in the Oyashio region, western North Pacific. ---- *Marine Biology, Berlin* 145, 515-527.

ZEIDLER, W. 2004. A review of the hyperiid amphipod superfamily Lycaeopsoidea Bowman & Gruner, 1973 (Crustacea: Amphipoda: Hyperiidea). - --- *Zootaxa* 520, 1-18. (With redescription of *Lycaeopsis themistoides* and *L. zamboangae*. *L. pauli* is a junior synonym of *zamboangae*.)

ZEIDLER, W. 2004. A review of the families and genera of the hyperiid amphipod superfamily Phronimoidea Bowman & Gruner, 1973 (Crustacea: Amphipoda: Hyperiidea). ---- *Zootaxa* 567, 1-66. (An important contribution! Three new families are erected: the Lestrigonidae, with the genera *Lestrigonus*, *Phronimopsis*, *Themistella*, *Hyperioides*, *Hyperiella* and *Hyperionyx*, and 2 monotypic families, the Bougisidae (recte Bougisiidae WV) and the Iulopididae. *Iulops loveni* and *I. mirabilis* are described and illustrated, as is *Dairella californica* (of which *D. latissima* is considered to be a junior synonym).)

Earlier overlooked taxonomic papers on amphipods

(Of course these are mainly papers that I have never seen, so there are often few details on the species involved. WV)

ALIEV, R.A. 1997. (A new species of amphipod of the genus *Gammarus* (Crustacea, Amphipoda) from freshwater habitats of Azerbaijan.) ---- *Izvestya Akademii Nauk Azerbaidzhana, Ser. Biologicheskikh Nauk* (1993-4/6), 119-122. (In Russian, not seen. *Gammarus kasymovi* n.sp. from the Ismaillinskogo region.)

ANDREEV, S. 2001. *Niphargus bulgaricus* sp.n. et deux espèces nouvelles pour la faune de Bulgarie—*Niphargopsis trispinosa* Dancau et *Gammarus roeseli* Gervais (Amphipoda: Niphargidae, Gammaridae). ---- *Historia Naturalis Bulgarica* 13, 79-87. (Not seen)

BOUSFIELD, E.L. & H. MORINO 1992. The amphipod genus *Ramellogammarus* in fresh waters of western North America: systematics and distributional ecology. ---- *Contributions to Natural Science* 17, 1-21. (Deals with *Ramellogammarus californicus* n.sp. (Calif.), *R. campestris* n.sp. (Oregon), *R. columbianus* n.sp. (B.Cal.), *R. littoralis* n.sp. (Oregon), *R. oregonensis*, *R. ramellus*, *R. setosus* n.sp. (Wash.), *R. similimanus* and *R. vancouverensis*. A key is provided.)

BUSTAMANTE, A. 2002. Three new species of *Microphoxus* Barnard, 1960 (Amphipoda, Phoxocephalidae, Metharpininae) from the coast of Rio de Janeiro, Brazil. ---- *Arquivos do Museum Nacional (Rio de Janeiro)* 60, 55-78. (Not seen. Deals with *Microphoxus breviramus* n.sp., *M. moraesii* n.sp., and *M. uroserratus* n.sp..)

COLEMAN, C.O., L. ADORF, N. EIKMEIER, B. HOFFMANN-KOBERT, A. LEISTIKOW, D. MEIER, D. PETZOLD, K. REMMERT, F. SCHIERL, M. C. SCHUTTE, E. SIEBENSOHN, T. STAVERIDIS & K. WAGNER 1994. Taxonomy of two iphimediid amphipods (Crustacea) from the Southern Ocean. ---- *Journal of Natural History* 28, 1059-1075. (Deals with *Gnathiphimedia watlingi* n.sp. (Antarctic) and *Iphimediella margueritei*.)

GHANI, N. 1999. Associates of *Gorgonia* species. ---- *Proceedings of Parasitology* 27, 63-65. (Not seen)

HIRAYAMA, A. & I. TAKEUCHI 1993. New species and new Japanese records of the Gammaridea (Crustacea: Amphipoda) from Matsukawa-ura inlet, Fukushima prefecture, Japan. ---- *Publications of the Seto Marine Biological Laboratory* 36, 141-178. (Not seen. Deals with i.a. *Atylus matsukawaensis* n.sp., *Dulichia biarticulata* n.sp., *Gitanopsis oozeki* n.sp., *Stenothoe dentirama* n.sp. and *Synchelidium longisegmentum* n.sp. . The species *Eogammarus possjeticus*, *Lepidepecreum gurjanovae* and *Tiron spiniferus* are new to Japan.)

JAUME, D. 1991. Two new species of the amphipod genus *Pseudoniphargus* (Crustacea) from Cabrera (Balearic islands). ---- *Stygologia* 6, 177-189. (*P. davisi* n.sp. and *P. triasi* n.sp.)

KARAMAN, G.S. 1995. Two interesting *Niphargus* species from Italy, *Niphargus catalogus* n.sp. and *N. ambulator* G. Karaman, 1975 (Fam. Niphargidae). ---- *Poljoprivreda i Sumarstvo* 41, 83-97. (Not seen)

KARAMAN, G.S. 2002. On two *Bogidiella* species (Amphipoda, Bogidiellidae) from Southern Europe. ---- *Odjeljenja Prirodnih Nauka Crnagorska Akademija Nauka i Umjetnosti Glasnik* 14, 135-150. (Not seen. *B. glacialis cataracta* n.ssp from Serbia and Montenegro, and *B. longiflagellum* from Greece and Turkey.)

KARAMAN, G. S., T. GLEDHILL & M. C. HOLMES 1994. A new subterranean amphipod (Crustacea: Gammaridea: Niphargidae) from southern Ireland, with comments on its taxonomic position and the validity of the genus *Niphargellus* Schellenberg. ---- *Zoological Journal of the Linnean Society* 112, 309-320. (Not seen. With *N. wexfordensis* n.sp.)

KARAMAN, G. S. & S. M. SARBU 1995. *Niphargus decui* n.sp. (Amphipoda, Gammaridea, Niphargidae), a new species from Romania. ---- *Travaux de l'Institut de Spéléologie 'Emil Racovitza'* 34, 77-87. (Not seen)

KULKINA, L.V. 1990. (*Amphipoda of Kazakhstan*). ---- Pp 125-146 in E. G. Sodorov (ed.): (The ecology and morphology of helminths of animals from Kazakhstan). Nauka, Alma Ata, 158 pp. (In Russian, not seen. *Stygbromus kazakhstanica* n.sp. from Kazakhstan.)

LEE, K. S. & I. S. SEO 1990. One new species of freshwater *Jesogammarus* (Crustacea, Amphipoda, Anisogammaridae) from South Korea. ---- *Korean Journal of Systematic Zoology* 6, 251-259. (Not seen. *Jesogammarus (Annanogammarus) koreaensis* n.sp. from S. Korea.)

LEE, K. S. & I. S. SEO 1990. Two new species of freshwater *Gammarus* (Crustacea, Amphipoda, Gammaridae) from South Korea. ---- *Korean Journal of Systematic Zoology* 6, 219-229. (Not seen. *Gammarus kyonggiensis* n.sp. and *G. wangbangensis* n.sp. from S. Korea.)

LEE, K. S. & I. S. SEO 1992. One new species of freshwater *Jesogammarus* (Crustacea, Amphipoda, Anisogammaridae) from South Korea. ---- *Korean Journal of Zoology* 35, 344-349. (Not seen. *J. (J.) ilhoii* n.sp. from Kang wong do province, S.Korea.)

LEE, K. S. & I. S. SEO 1992. One new species of freshwater *Gammarus* (Crustacea, Amphipoda, Gammaridae) from South Korea. ---- *Korean Journal of Systematic Zoology, Special Issue 3*, 93-100. (Not seen. *G. longisaeta* n.sp.)

LOWRY, J. K. & H. E. STODDART 1994. Crustacea Amphipoda: lysianassoids from the tropical western South Pacific Ocean. ---- *Résultats des Campagnes Musorstrom 12*, 127-223. (Deals with *Aristias thio* n.sp. (N. Caledonia), *A. uokonia* n.sp. (Isle de Pines, N.Cal.), *Bathyamaryllis ouvea* (N.Cal.), *Clepedecrella tropicalis* n.sp. (N.Cal.), *Coriolisa novacaledonia* n.gen, n.sp. (N.Cal.), *Cyclocaris tahitensis*, *Cyphocaris bellona* n.sp. (N.Cal.), *Figorella tasmanica*, *Hippomedon vao* n.sp.(N. Cal.), *Ichnopus malpatun*, *Kerguelenia koutouma* n.sp. (N.Cal.), *K. lifou* n.sp. (Loyalty Islands), *Lepidepecrella sarcelle* n.sp. (N.Cal.), *Onesimoides abyssalis* n.sp. (Loyalty islands), *O. carinatus*, *Orchomenella abyssorum*, *O. distincta*, *O. gerulicorbis*, *Perambasia acuticaudata*, *Procyphocaris indurata*, *Socarnes tiendi* n.sp. (N.Cal.), *S. rurutae* n.sp. (Austral islands), *S. tuscarora* n.sp. (Wallis & Futuma), *Socarnopsis honiara* n.sp. (Solomon Islands), *S. tandai* n.sp. (Solomon Islands), *Trischizostoma richeri* n.sp. (Loyalty islands), *Tryphosella ama* n.sp. (N.Cal.), *T. oupi* n.sp. (N. Cal.), and two *Waldeckia* spp.)

MINCHIN, D. & J. M. C. HOLMES 1993. A skeleton shrimp *Caprella andreae* Mayer (Crustacea: Amphipoda) new to Ireland, and other strandings in September 1991. ---- *Irish Naturalists' Journal 24*, 285-286. (on coconut hull)

MÜLLER, H. G. 1992. Colomastigidae from coral reefs in the Society Islands. Description of two new species (Crustacea, Amphipoda, Gammaridea). ---- *Cahiers de Biologie Marine 33*, 425-433. (Deals with *Colomastix lunalilo*, *C. minuta* n.sp. and *C. tiahurae* n.sp.)

PRETUS, J. L. 1990. Three new species of the genus *Pseudoniphargus* (Crustacea: Amphipoda) in Balearic ground waters. ---- *Stygologia 5*, 101-118. (Not seen. *P. pedrerae* n.sp. and *P. pityusensis* n.sp. from Formentera, *P. racovitzai* n.sp from Majorca.)

RAUSCHERT, M. 1994. *Gitanopsilis* (Crustacea, Amphipoda, Gammaridea), eine neue Amphilochiden-Gattung aus dem Sublitoral der König-Georg-Insel (Sudshetlandinseln). ---- *Mitteilungen aus dem Zoologischen Museum in Berlin 70*, 133-156. (Not seen. Deals with *Gitanopsilis* n.gen (type *Gitanopsis simplex*), *G. amissio* n.sp. , *Gitanopsis denticulata* n.sp and *G. fucatosquamosa* n.sp. . Keys are provided.)

REN, X. 2001. Gammaridean shrimps of the family Ampithoidae (Crustacea: Amphipoda) from Hainan Island, South China Sea. ---- *National Science*

Museum Monographs 21, 65-74. (Not seen. Deals with *Paragrubia latipoda* n.sp. and 9 other amphithoids. Keys are provided.)

RICHARDSON, A. M. M. & J. E. JACKSON 1995. The first record of a terrestrial landhopper (Crustacea. Amphipoda: Talitridae) from Macquarie island. ---- *Polar Biology* 15, 419-422. (*Puhuru huru patersoni*)

SEDLAK-WEINSTEIN, E. 1992. A new species of *Isocyamus* (Amphipoda, Cyamidae) from *Kogia breviceps* (de Blainville, 1838) in Australian waters. ---- *Systematic Parasitology* 23, 1-6. (Not seen. *I. kogiae* n.sp. from Queensland waters)

SANCHEZ, E. 1991. Stygofauna of the Canary Islands, 18. New records of *Pseudoniphargus* (Crustacea, Amphipoda) from ground waters of Tenerife and Hierro, with description of new species. ---- *Stygologia* 6, 53-64. (Not seen. Deals with *Pseudoniphargus fontinalis*, *P. porticola* and *P. associatus* n.sp.)

SEREJO, C. S. & M. V. S. LICINIO 2002. The genus *Ampithoe* (Crustacea, Amphipoda, Ampithoidae) from the Brazilian coast. ---- *Arquivos do Museu Nacional (Rio de Janeiro)* 60, 41-50. (Not seen. Deals with *Ampithoe divisura*, *A. seticoxae* n.sp. and *A. ramondi*. A key is provided.)

STOCK, J. H. & A. D. ABREU 1993. Three new species of *Pseudoniphargus* (Crustacea: Amphipoda) from the Madeira archipelago. ---- *Boletim do Museo Municipal de Funchal* 44 (1992), 131-155. (*P. portosancti* n.sp. from Porto Santo, and *P. macrurus* n.sp. and *P. littoralis* n.sp. from Tenerife.)

TACHTEEW, V.V. & I. V. MEKHANIKOVA 2000. (New species of amphipods (Crustacea, Amphipoda) from the mountain streams of Khamar-Daban ridge.) ---- *Trudy Biologo-Pachvennogo Fakul'tet IGU* 3, 115-123. (In Russian, not seen. Deals with *Gammarus dabanus* n.sp. and *G. lacustris*.)

TZVETKOVA, N. L. 1990. (An addition to the fauna of amphipods (Amphipoda, Talitroidea, Hyalidae) from the shallow waters of the East Kamchatka.) ---- *Trudy Zoologicheskogo Instituta* 218, 40-53. (In Russian, not seen. Contains key to *Allorchestes* spp and describes *Parallorchestes asiaticus* n.sp. .)

TZVETKOVA, N. L. 1990. (*New subfamily, genus and species of amphipods (Amphipoda: Gammaridea, Corophioidea) from the coastal waters of Simashir Island, Kurile Islands.*) ---- Pp 26-42 in V. S. Levin & G.A.Evseev (eds). (Systematics and chorology of marine organisms: collected scientific works.) Akademiya Nauk SSSR, Vladivostok. (In Russian. Deals with *Cerapus lukini*

n.sp. and *Corogammaropsis kudrjaschovi* n. gen., n.sp., type of the new subfamily Corogammaropsinae.)

VASSILENKO, S. V. 1994. (*Caprogammarus* and caprellids (Amphipoda, Caprellidea) of the continental slope of the Kurile Islands.) ---- *Issledovanija Fauny Morei* 46 (1993), 130-155. (In Russian, not seen. Describes i.a. *Caprella fimbriata* n.sp. and *C. indeterminata* n.sp.. Keys to Caprogammaridae, Paracercopidae and Caprellidae are provided.)

VINOGRADOV, G. M. 1994. (Amphipoda (Crustacea) from seep fields and nearby common benthic communities of the northern and eastern Pacific.) ---- *Trudy Instituta Okeanoloii Akademii Nauk SSSR* 131, 100-125. (In Russian, not seen. Deals with *Gammaropsis (Podoceropsis) miri* n.sp., *Hippomedon keldyshi* n.sp., and *Lepidepecreum californiensis* (recte: *californiense* WV), all from off California.)

ZELICKMAN, E. A. 2004. *Fauna Palaestina—Crustacea I: Hyperiidea, Amphipoda of Israel, a morphological atlas.* ----ISBN 965-208-164-7. 442 pp (Not seen, unfortunately. 105 species are reported from the area. Of the 98 Mediterranean species , 51 are new to the area, of the 47 Red Sea species, 37. All species are extensively described and illustrated, i.a. with SEM pictures.)

NEW CLASSIFICATION OF TALITROIDEA, ACCORDING TO SEREJO 2004 (ZOOLOGICA SCRIPTA 33, 551-586.

Infraorder Talitrida

Superfamily Kurioidea

Family **Kuriidae**

Kuria, *Micropythia*

Superfamily Phliantoidea

Biancolina

Family *Biancolinidae*

Ceina, *Tauhape*, *Waitomo*

Family *Ceinidae*

Bircenna, *Ceinina*, *Cylindrylloides*,

Family *Eophliantidae*

Eophliantis, *Lignophliantis*, *Wandelia*

Gabophlias, *Iphinotus*, *Iphiplateia*,

Pariphinotus, *Pereionotus*, **Phlias**,

Quasimodia

Plioplateia

Family *Plioplateiidae*

Hystriphlias, **Temnophlias**

Family *Temnophliantidae*

| | |
|--------------------------------|--|
| Superfamily Talitroidea s.str. | |
| Family Chiltoniidae | Afrochiltonia, Austrochiltonia, Chiltonia , Phreatochiltonia |
| Family Dogielinotidae | |
| Subfamily Dogielinotinae | Allorchestes, Dogielinoides, Dogielinotus , Eohaustorioides, Exhyalella, Haustorioides, Marinohyalella, Parhyalella, Proboscinotus |
| Subfamily Hyalellinae | Hyalella |
| Subfamily Najinae | ?Insula, Najna |
| Subfamily Hyalinae | Apohyale, Hyale , Lelehua, Neobule, Parallorchestes, Parhyale, Protohyale, Ptilohyale, Ruffohyale, Serejohyale |
| Family Talitridae | Agilestia, Americorchestia, Arcitalitus, Austrotroides, Bousfieldia, Caribitroides, Cariborchestia, Cerrorchestia, Chelorchestia, Chiltonorchestia, Chroestia, Eorchestia, Floresorchestia, Hawaiorchestia, Kanikania, Keratroides, Macarorchestia, Makawe, Megalorchestia, Micrororchestia, Mysticotalitus, Neorchestia, Orchestia, Orchestiella, Orchoptoidea, Paciforchestia, Palmorchestia, Parorchestia, Platorchestia, Protaustrotroides, Protorchestia, Pseudorchoptoidea, Puhuruhuru, Sinorchestia, Spelaeorchestia, Talitriator, Talitrus , Talorchestia, Tara, Tasmanorchestia, Tethorchestia, Transorchestia, Traskorchestia, Trinorchestia, Ulorchestia, Waematau |

B. I have taken the liberty to amend the name Plioplateidae to Plioplateiidae and that of Najniinae to Najninae. WV

New taxa in AN 27

A. Alphabetic list

New families and subfamilies

- Bougisiidae Zeidler, 2004
 Corogammaropsinae Tzvetkova, 1990
 Eurytheneidae Stoddart & Lowry, 2004
 Iulopididae Zeidler, 2004
 Lestrigonidae Zeidler, 2004
 Sicafodiidae Just, 2004

New genera and subgenera

| | |
|--|---------------|
| <i>Anomalosymtes</i> Hendrycks & Bousfield, 2004 | Pleustidae |
| <i>Atlantorchestia</i> Serejo, 2004 | Talitridae |
| <i>Budnikopleustes</i> Hendrycks & Bousfield, 2004 | Pleustidae |
| <i>Carinonajna</i> Bousfield & Marcoux, 2004 | Najnidae |
| <i>Coriolisa</i> Lowry & Stoddart, 1994 | pachynids |
| <i>Corogammaropsis</i> Tzvetkova, 1990 | Photidae |
| <i>Deshayesorchestia</i> Tafani et al., 2004 | Talitridae |
| <i>Gitanopsilis</i> Rauschert, 1994 | Amphilochidae |
| <i>Gracilipleustes</i> Hendrycks & Bousfield, 2004 | Pleustidae |
| <i>Heteropleustes</i> Hendrycks & Bousfield, 2004 | Pleustidae |
| <i>Holopleustes</i> Hendrycks & Bousfield, 2004 | Pleustidae |
| <i>Indoweckelia</i> Holsinger & Ruffo, 2002 | Hadziidae |
| <i>Kamptopleustes</i> Hendrycks & Bousfield, 2004 | Pleustidae |
| <i>Rhinopleustes</i> Hendrycks & Bousfield, 2004 | Pleustidae |
| <i>Sardorchestia</i> Tafani et al., 2004 | Talitridae |
| <i>Shoemakeroides</i> Hendrycks & Bousfield, 2004 | Pleustidae |
| <i>Sicafodia</i> Just, 2004 | Sicafodiidae |

New species and subspecies

| | |
|--|-------------------|
| abyssalis Lowry & Stoddart, 1994 (<i>Onesimoides</i>) | Tryphosinae |
| acuminatus Hendrycks & Bousfield, 2004 (<i>Rhinopleustes</i>) | Pleustidae |
| aequipes Hendrycks & Bousfield, 2004 (<i>Holopleustes</i>) | Pleustidae |
| ama Lowry & Stoddart, 1994 (<i>Tryphosella</i>) | Tryphosinae |
| amchitkana Bousfield & Marcoux, 2004 (<i>Najna</i>) | Najnidae |
| amissio Rauschert, 1994 (<i>Gitanopsilis</i>) | Amphilochidae |
| andeep Berge, Vader & Lockhart, 2004 (<i>Lepidepecreella</i>) | lepedepecreellids |
| asiaticus Tzvetkova, 1990 (<i>Parallorchestes</i>) | Hyalidae |

| | |
|---|---------------------|
| associatus Sanchez, 1991 (<i>Pseudoniphargus</i>) | Pseudoniphargidae |
| australiensis Guerra-Garcia, 2004 (<i>Aciconula</i>) | Caprellidae |
| atlantica Bellan-Santini & Menioui, 2004 (<i>Urothoe</i>) | Urothoidae |
| azorensis Guerra-Garcia, 2004 (<i>Liropus</i>) | Caprellidae |
| barnardi Bousfield & Marcoux, 2004 (<i>Carinonajna</i>) | Najnidae |
| bellona Lowry & Stoddart, 1994 (<i>Cyphocaris</i>) | Cyphocarididae |
| biarticulata Hirayama & Takeuchi, 1993 (<i>Dulichia</i>) | Dulichiidae |
| bicarinata Bousfield & Marcoux, 2004 (<i>Carinonajna</i>) | Najnidae |
| bispinosa Bousfield & Marcoux, 2004 (<i>Carinonajna</i>) | Najnidae |
| botanica Bousfield & Marcoux, 2004 (<i>Carinonajna</i>) | Najnidae |
| brevipodus Hou, Li & Platvoet, 2004 (<i>Gammarus</i>) | Gammaridae |
| breviramus Bustamante, 2002 (<i>Microphoxus</i>) | Phoxocephalidae |
| brisbanense Chapman, 2002 (<i>Paracorophium</i>) | Corophiidae |
| bulgaricus Andreev, 2001 (<i>Niphargus</i>) | Niphargidae |
| californicus Bousfield & Morino, 1992 (<i>Ramellogammarus</i>) | Anisogammaridae |
| californiense Vinogradov, 1994 (<i>Lepidepecreum</i>) | Tryphosinae |
| campestris Bousfield & Morino, 1992 (<i>Ramellogammarus</i>) | Anisogammaridae |
| carli Bousfield & Marcoux, 2004 (<i>Carinonajna</i>) | Najnidae |
| catalogus Karaman, 1995 (<i>Niphargus</i>) | Niphargidae |
| cataracta Karaman, 2002 (<i>Bogidiella glacialis</i>) | Bogidiellidae |
| cidaridis Berge, Vader & Lockhart, 2004 (<i>Notopoma</i>) | Ischyroceridae |
| colo Lowry, 2004 (<i>Corophium</i>) | Corophiidae |
| columbianus Hendrycks & Bousfield, 2004 (<i>Neopleustes</i>) | Pleustidae |
| columbianus Bousfield & Morino, 1992 (<i>Ramellogammarus</i>) | Anisogammaridae |
| columnaris Ariyama, 2004 (<i>Aoroides</i>) | Aoridae |
| comitari Myers & Hall-Spencer, 2003 (<i>Pleusymtes</i>) | Pleustidae |
| compar Myers & Cunha, 2004 (<i>Bonnierella</i>) | Bonnierellinae |
| cornicolanus Iannilli & Vigna Taglianti, 2004 (<i>Niphargus</i>) | Niphargidae |
| coxalis Hendrycks & Bousfield, 2004 (<i>Anomalosymtes</i>) | Pleustidae |
| curvipes Ariyama, 2004 (<i>Aoroides</i>) | Aoridae |
| costai Freire & Serejo, 2004 (<i>Trischizostoma</i>) | Trischizostomatidae |
| dabanus Tachteew & Mekhanikova, 2000 (<i>Gammarus</i>) | Gammaridae |
| daviui Jaume, 1991 (<i>Pseudoniphargus</i>) | Pseudoniphargidae |
| decorosus Meng, Hou & Li, 2003 (<i>Gammarus</i>) | Gammaridae |
| decui Karaman & Sarbu, 1995 (<i>Niphargus</i>) | Niphargidae |
| denticulata Rauschert, 1994 (<i>Gitanopsis</i>) | Amphilochidae |
| dentirama Kirayama & Takeuchi, 1993 (<i>Stenothoe</i>) | Stenothoidae |
| dielaii Pereira, 2004 (<i>Hyalella</i>) | Hyalellidae |
| eclimensis King, Myers & McGrath, 2004 (<i>Ampelisca</i>) | Ampeliscidae |
| elkaimi d'Udekem d'Acoz & Menioui, 2004 (<i>Bathyporeia</i>) | Pontoporeiidae |
| elliottana Lowry & Springthorpe, 2005 (<i>Rhachotropis</i>) | Eusiridae |
| ellipticus Ariyama, 2004 (<i>Aoroides</i>) | Aoridae |
| elvira Iannilli & Ruffo, 2002 (<i>Gammarus</i>) | Gammaridae |

| | |
|--|-------------------|
| enodis Rayol & Serejo, 2003 (<i>Monoliropus</i>) | Caprellidae |
| fimbrillata Vassilenko, 1994 (<i>Caprella</i>) | Caprellidae |
| fontanus Hou & Li, 2004 (<i>Jesogammarus</i>) | Anisogammaridae |
| frigidus Hou & Li, 2004 (<i>Gammarus</i>) | Gammaridae |
| fucatosquamosa Rauschert, 1994 (<i>Gitanopsis</i>) | Amphilochidae |
| grandimana Guerra-Garcia, 2004 (<i>Pseudoprotomima</i>) | Phtisicidae |
| hebeiensis Hou & Li, 2004 (<i>Jesogammarus</i>) | Anisogammaridae |
| honiara Lowry & Stoddart, 1994 (<i>Socarnopsis</i>) | Lysianassinae |
| ilheusensis Haney, de Almeide & Reid, 2004 (<i>Syncyamus</i>) | Cyamidae |
| ilhoii Lee & Seo, 1992 (<i>Jesogammarus</i>) | Anisogammaridae |
| indeterminata Vassilenko, 1994 (<i>Caprella</i>) | Caprellidae |
| inermis Appadoo & Myers, 2004 (<i>Aora</i>) | Aoridae |
| japonicus Ariyama, 2004 (<i>Tethylembos</i>) | Aoridae |
| jaspidus Hou & Li, 2004 (<i>Gammarus</i>) | Gammaridae |
| juliana Lowry & Springthorpe, 2005 (<i>Regalia</i>) | Eusiridae |
| karamani King, 2004 (<i>Harpinia</i>) | Phoxocephalidae |
| karamani Ortiz, Garcia-Debras & Lalana, 2003 (<i>Socarnopsis</i>) | Lysianassinae |
| kasymovi Aliev, 1997 (<i>Gammarus</i>) | Gammaridae |
| kazakstanica Kulkina, 1990 (<i>Stygobromus</i>) | Crangonyctidae |
| keldyshi Vinogradov, 1994 (<i>Hippomedon</i>) | Tryphosinae |
| kensleyi Lowry & Springthorpe, 2005 (<i>Membrilopus</i>) | Calliopiidae |
| kogiae Sedlak-Weinstein, 1992 (<i>Isocyamus</i>) | Cyamidae |
| koreaensis Lee & Seo, 1990 (<i>Jesogammarus</i>) | Anisogammaridae |
| koutouma Lowry & Stoddart, 1994 (<i>Kerguelenia</i>) | kerguelesiids |
| kudrjaschovi Tzvetkova, 1990 (<i>Corogammaropsis</i>) | Photidae |
| kyonggiensis Lee & Seo, 1990 (<i>Gammarus</i>) | Gammaridae |
| lafkui Appadoo & Myers, 2004 (<i>Ampithoe</i>) | Ampithoidae |
| latibasis Appadoo & Myers, 2004 (<i>Exampithoe</i>) | Ampithoidae |
| latipoda Ren, 2001 (<i>Paragrubia</i>) | Ampithoidae |
| laxipodus Appadoo & Myers, 2004 (<i>Ampithoe</i>) | Ampithoidae |
| ledoyeri d'Udekem d'Acoz & Menioui, 2004 (<i>Bathyporeia</i>) | Pontoporeiidae |
| lessoniophila Bousfield & Marcoux, 2004 (<i>Carinonajna</i>) | Najnidae |
| lifou Lowry & Stoddart, 1994 (<i>Kerguelenia</i>) | kerguelesiids |
| limpidus Hou & Li, 2004 (<i>Procrangonyx</i>) | Procrangonyctidae |
| littoralis Stock & Abreu, 1993 (<i>Pseudoniphargus</i>) | Pseudoniphargidae |
| littoralis Bousfield & Morino, 1992 (<i>Ramellogammarus</i>) | Anisogammaridae |
| longicarpus Appadoo & Myers, 2004 (<i>Ampithoe</i>) | Ampithoidae |
| longimana Bousfield & Marcoux, 2004 (<i>Carinonajna</i>) | Najnidae |
| longisaeta Lee & Seo, 1992 (<i>Gammarus</i>) | Gammaridae |
| longisegmentum Hirayama & Takeuchi, 1993 (<i>Synchelidium</i>) | Phoxocephalidae |
| lucinae Krapp-Schickel, 2004 (<i>Maera</i>) | Melitidae |
| lukini Tzvetkova, 1990 (<i>Cerapus</i>) | Ischyroceridae |
| macho Berge & Vader, 2004 (<i>Mediterexis</i>) | Stegocephalidae |

| | |
|--|---------------------|
| macrurus Stock & Abreu, 1993 (<i>Pseudoniphargus</i>) | Pseudoniphargidae |
| maculata Vinogradov, 2004 (<i>Amaryllis</i>) | Amaryllidae |
| martensi Hou & Li, 2004 (<i>Gammarus</i>) | Gammaridae |
| mascarenensis Appadoo & Myers, 2004 (<i>Ampithoe</i>) | Ampithoidae |
| matsukawaensis Hirayama & Takeuchi, 1993 (<i>Atylus</i>) | Dexaminidae |
| mauritiensis Guerra-Garcia, 2003 (<i>Metaprotella</i>) | Caprellidae |
| mediterraneum Kaim-Malka, 2004 (<i>Podoprion</i>) | Podopriionidae |
| microceras d'Udekem d'Acoz & Menioui, 2004 (<i>Bathyporeia</i>) | Pontoporeiidae |
| minuta Müller, 1992 (<i>Colomastix</i>) | Colomastigidae |
| miri Vinogradov, 1994 (<i>Gammaropsis</i>) | Photidae |
| montanus Hou, Li & Platvoet, 2004 (<i>Gammarus</i>) | Gammaridae |
| moraesi Bustamante, 2002 (<i>Microphoxus</i>) | Phoxocephalidae |
| murarius Hou & Li, 2004 (<i>Gammarus</i>) | Gammaridae |
| myojinensis Ariyama, 2004 (<i>Aoroides</i>) | Aoridae |
| nana Guerra-Garcia, 2004 (<i>Orthoprotella</i>) | Caprellidae |
| nitidaformis Labay, 2003 (<i>Melita</i>) | Melitidae |
| novacaledonia Lowry & Stoddart, 1994 (<i>Coriolisa</i>) | pachynids |
| oculata Vinogradov, 2004 (<i>Regalia</i>) | Eusiridae |
| oozeki Hirayama & Takeuchi, 1993 (<i>Gitanopsis</i>) | Amphilochidae |
| orientalis Bellan-Santini, 2005 (<i>Haustorius</i>) | Haustoriidae |
| oupi Lowry & Stoddart, 1994 (<i>Tryphosella</i>) | Tryphosinae |
| pacifica Hendrycks & Bousfield, 2004 (<i>Pleusymtes</i>) | Pleustidae |
| papua Guerra-Garcia, 2003 (<i>Pseudopproto</i>) | Phtisicidae |
| paraspinifera Guerra-Garcia, 2004 (<i>Protoaeginella</i>) | Caprellidae |
| parva Bousfield & Marcoux, 2004 (<i>Najna</i>) | Najnidae |
| pedrerae Pretus, 1990 (<i>Pseudoniphargus</i>) | Pseudoniphargidae |
| pexus Hou & Li, 2005 (<i>Gammarus</i>) | Gammaridae |
| pityusensis Pretus, 1990 (<i>Pseudoniphargus</i>) | Pseudoniphargidae |
| planasiae Messana & Ruffo, 2001 (<i>Longigammarus</i>) | Gammaridae |
| portosancti Stock & Abreu, 1993 (<i>Pseudoniphargus</i>) | Pseudoniphargidae |
| pribilofensis Hendrycks & Bousfield, 2004 (<i>Pleusymtes</i>) | Pleustidae |
| punctatus Ariyama, 2004 (<i>Aoroides</i>) | Aoridae |
| racovitzai Pretus, 1990 (<i>Pseudoniphargus</i>) | Pseudoniphargidae |
| richeri Lowry & Stoddart, 1994 (<i>Trischizostoma</i>) | Trischizostomatidae |
| rurutae Lowry & Stoddart, 1994 (<i>Socarnes</i>) | Lysianassinae |
| sabineae Guerra-Garcia & Garcia-Gomez, 2003 (<i>Caprella</i>) | Caprellidae |
| sandrорuffoi Andres, 2004 (<i>Ingolfiella</i>) | Ingolfiellidae |
| sandrорuffoi Ortiz & Lalana, 2003 (<i>Podocerus</i>) | Podoceridae |
| sarcelle Lowry & Stoddart, 1994 (<i>Lepidepecreella</i>) | lepidopecreellids |
| semicurvatus Ariyama, 2004 (<i>Aoroides</i>) | Aoridae |
| serraticaudatum Ren, 2003 (<i>Corophium</i>) | Corophiidae |
| serratus Ariyama, 2004 (<i>Pseudobemlos</i>) | Aoridae |
| seticoxae Serejo & Licinio, 2002 (<i>Ampithoe</i>) | Ampithoidae |

| | |
|--|-------------------|
| setosus Hendrycks & Bousfield, 2004 (<i>Heteropleustes</i>) | Pleustidae |
| setosus Bousfield & Morino, 1992 (<i>Ramellogammarus</i>) | Anisogammaridae |
| shenmuensis Hou & Li, 2004 (<i>Gammarus</i>) | Gammaridae |
| sinuolatus Hou & Li, 2004 (<i>Gammarus</i>) | Gammaridae |
| soela Guerra-Garcia, 2004 (<i>Pseudaeginella</i>) | Caprellidae |
| spinicoxa Valerio-Berardi & Wakabara, 2003 (<i>Leptocheirus</i>) | Corophiinae |
| spinosus Hendrycks & Bousfield, 2004 (<i>Kamptopleustes</i>) | Pleustidae |
| stalagmiticus Hou & Li, 2005 (<i>Gammarus</i>) | Gammaridae |
| stocki Ruffo, Holsinger & Sawicki, 2003 (<i>Indoweckelia</i>) | Hadziidae |
| stylos Just, 2004 (<i>Sicafodia</i>) | Sicafodiidae |
| suasoris Krapp-Schickel, 2004 (<i>Zygomaera</i>) | Melitidae |
| sublitoralis Vinogradov, 2004 (<i>Scopelocheiropsis</i>) | Scopelocheiridae |
| superstes Holsinger & Ruffo, 2002 (<i>Indoweckelia</i>) | Hadziidae |
| symbiotica Gamo, 1992 (<i>Pleusyntes</i>) | Pleustidae |
| takesensis Hou, Li & Platvoet, 2004 (<i>Gammarus</i>) | Gammaridae |
| tandai Lowry & Stoddart, 1994 (<i>Socarnopsis</i>) | Lysianassinae |
| thio Lowry & Stoddart, 1994 (<i>Aristias</i>) | Aristiidae |
| thurstoni Stoddart & Lowry, 2004 (<i>Eurythenes</i>) | Eurytheneidae |
| tiahurae Müller, 1992 (<i>Colomastix</i>) | Colomastigidae |
| tiendi Lowry & Stoddart, 1994 (<i>Socarnes</i>) | Lysianassinae |
| translucidus Hou & Li, 2004 (<i>Gammarus</i>) | Gammaridae |
| traudiae Guerra-Garcia, 2004 (<i>Caprella</i>) | Caprellidae |
| traudlina Ruffo, 2004 (<i>Nihotunga</i>) | Nihotungidae |
| triasi Jaume, 1991 (<i>Pseudoniphargus</i>) | Pseudoniphargidae |
| tropicalis Lowry & Stoddart, 1994 (<i>Clepidecrella</i>) | kergueleniids |
| tuscarora Lowry & Stoddart, 1994 (<i>Socarnes</i>) | Lysianassinae |
| uokonia Lowry & Stoddart, 1994 (<i>Aristias</i>) | Aristiidae |
| uroserratus Bustamante, 2002 (<i>Microphoxus</i>) | Phoxocephalidae |
| vaderi Guerra-Garcia, 2004 (<i>Pseudaeginella</i>) | Caprellidae |
| vao Lowry & Stoddart, 1994 (<i>Hippomedon</i>) | Tryphosinae |
| verrucosa Guerra-Garcia, 2004 (<i>Protoaeginella</i>) | Caprellidae |
| waipoua Chapman, 2003 (<i>Phreatogammarus</i>) | phreatogammarids |
| walkeri Vinogradov, 2004 (<i>Ichnopus</i>) | Uristidae |
| wangbangensis Lee & Seo, 1990 (<i>Gammarus</i>) | Gammaridae |
| watlingi Coleman et al., 1994 (<i>Gnathiphimedia</i>) | Iphimediidae |
| wexfordensis Karaman, Gledhill & Holmes, 1994 (<i>Niphargus</i>) | Niphargidae |
| wirtzi Krapp-Schickel & Takeuchi, 2005 (<i>Caprella</i>) | Caprellidae |
| wolf Berge & Vader, 2004 (<i>Stegocephalina</i>) | Stegocephalidae |
| yagerae Sawicki & Holsinger, 2004 (<i>Bahadzia</i>) | Hadziidae |
| yoshimurai Tomikawa, Hendrycks & Mawatari, 2004 (<i>Dactylopleustes</i>) | Pleustidae |

B. Systematic list

Amaryllidae

Amaryllis maculata

Ampeliscidae

Ampelisca eclaimensis

Amphilochidae

Gitanopsilis amissio

Gitanopsis denticulata, fucatosquamosa, oozeki

Ampithoidae

Amphithoe lafkui, laxipodus, longicarpus, mascarenensis, seticoxae

Exampithoe latibasis

Paragrubia latipoda

Anisogammaridae

Jesogammarus fontanus, hebeiensis, ilhoii, koreaensis,

Ramellogammarus californicus, campestris, columbianus, littoralis, setosus

Aoridae

Aora inermis

Aoroides columnaris, curvipes, ellipticus, myojinensis, punctatus, semicurvatus

Pseudobemlos serratus

Tethylembos japonicus

Aristiidae

Aristias thio, uokonia

Bogidiellidae

Bogidiella glacialis cataracta,

Bonnierellinae

Bonnierella compar

Bougisiidae Zeidler, 2004

Calliopiidae

Membrilopus kensleyi

Caprellidae

Aciconula australiensis,

Caprella fimbribrillata, indeterminata, sabineae, traudiae, wirtzi

Liropus azorensis

Metaprotella mauritiensis

Monoliropus enodis

Orthoprotella nana

Protoaeginella paraspinifera, verrucosa

- Pseudaeginella **soela, vaderi**
- Colomastigidae
- Colomastix **minuta, tiahurae**
- Corogammaropsinae** Tzvetkova, 1990 (now in Photidae)
- Corophiinae
- Corophium **colo, serraticaudatum**
- Leptocheirus **spinicoxa**
- Paracorophium **brisbanense**
- Crangonyctidae
- Stygobromus **kazakstanica**
- Cyamidae
- Isocyamus **kogiae**
- Syncyamus **ilheusensis**
- Cyphocarididae
- Cyphocaris **bellona**
- Dexaminiidae
- Atylus **matsukawaensis**
- Dulichiidae
- Dulichia **biarticulata**
- Eurytheneidae** Stoddart & Lowry, 2004
- Eurythenes **thurstoni**
- Eusiridae
- Regalia **juliana, oculata**
- Rhachotropis **elliottana**
- Gammaridae
- Gammarus **brevipodus, dabanus, decorosus, elvira, frigidus, jaspidus, kasymovi, kyonggiensis, longisaeta, martensi, montanus, murarius, pexus, shenmuensis, sinuolatus, stalagmiticus, takesensis, translucidus, wangbangensis**
- Longigammarus **planasiae**
- Hadziidae
- Bahadzia **yagerae**
- Indoweckelia stocki, superstes**
- Haustoriidae
- Haustorius **orientalis**
- Hyalellidae
- Hyalaea **dielaii**
- Hyalidae
- Parallorchestes **asiaticus**
- Ingolfiellidae
- Ingolfiella **sandrорuffoi**
- Iphimediidae
- Gnathiphimedia **watlingi**

Ischyroceridae

Cerapus lukini**Notopoma cidaridis**

Iulopididae Zeidler, 2004

Kergueleniids

Clepidecrella tropicalis**Kerguelenia koutouma, lifou**

lepedepecreellids

Lepidepecreella andeeb, sarcelle

Lestrigonidae Zeidler, 2004

Lysianassinae

Socarnes rurutae, tiendi, tuscarora**Socarnopsis honiara, karamani, tandai**

Melitidae

Maera lucinae**Melita nitidaformis****Zygomaera suasoris**

Najnidae

Carinonajna barnardi, bicarinata, bispinosa, botanica, carli,**lessoniophila, longimana****Najna amchitkana, parva**

Nihotungidae

Nihotunga traudlina

Niphargidae

Niphargus bulgaricus, catalogus, cornicolarus, decui, wexfordensis

pachynids

Coriolisa novacaledonia

Photidae

Corogammaropsis kudrjaschovi**Gammaropsis miri**

Phoxocephalidae

Harpinia karamani**Microphoxus breviramus, moraesii, uroserratus****Synchelidium longisegmentum**

phreatogammarids

Phreatogammarus waipoua

Phtisicidae

Pseudoproto papua**Pseudoprotomima grandimana**

Pleustidae

Anomalosymtes coxalis**Budnikopleustes****Dactylopleustes yoshimurai**

- Gracilipleustes**
- Heteropleustes setosus**
- Holopleustes aequipes**
- Kamptopleustes spinosus**
- Neopleustes columbianus**
- Pleusymtes comitari, pacifica, pribilofensis, symbiotica**
- Rhinopleustes acuminatus**
- Shoemakeroides**
- Podoceridae
 - Podocerus sandroruffoi**
- Podoprionidae
 - Podoprion mediterraneum**
- Pontoporeiidae
 - Bathyporeia elkaimi, ledoyerii, microceras**
- Procrangonyctidae
 - Procrangonyx limpidus**
- Pseudoniphargidae
 - Pseudoniphargus associatus, daviui, littoralis, macrurus, pedrerae, pityusensis, portosancti, racovitzai, triasi**
- Scopelocheiridae
 - Scopelocheirospis sublitoralis**
- Sicafodiidae**
 - Sicafodia stylos**
- Stegocephalidae
 - Mederexis macho**
 - Stegocephalina wolf**
- Stenothoidae
 - Stenothoe dentirama**
- Talitridae
 - Atlantorchestia**
 - Deshayesorchestia**
 - Sardorchestia**
- Trischizostomatidae
 - Trischizostoma costai, richeri**
- Tryphosinae
 - Hippomedon keldyshi, vao**
 - Lepidepecreum californiense**
 - Onesimoides abyssalis**
 - Tryphosella ama, oupi**
- Uristidae
 - Ichnopus walkeri**
- Urothoidae
 - Urothoe atlantica**

